

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: PREMIX – BLACK
Product Code: 14819, 7843, 8248, PSPBK01, PSPBK05, PSPBK25, PSTBK01, PSTBK05
Recommended Use: Industrial Marking
Manufacturer Name & Address: Identity Group
 1480 Gould Drive
 Cookeville, TN 38506

Telephone Number: 931-432-4000

Emergency Telephone Number: Identity Group – 931-432-4000
 Chemtrec – 1-800-424-9300 (Within the Continental US)

SECTION 2: HAZARD IDENTIFICATION

Classification:

Skin Corrosion/Irritation	Category 2
Eye Damage/Irritation	Category 2A
Skin Sensitization	Category 1
Carcinogenicity	Category 2
Specific Target Organ Toxicity - RE	Category 2
Chronic Aquatic	Category 1

Label Elements:

Symbol:



Signal Word: Danger

Hazard Statements:

H315 Causes skin irritation
 H319 Causes serious eye irritation.
 H317 May cause an allergic skin reaction.
 H351 Suspected of causing cancer.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H410 Toxic to aquatic life with long lasting effects.

Precautionary Statements:

Prevention:

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P261 Avoid breathing dust/fumes/gas/mist/vapours/spray.
 P264 Wash hands/skin thoroughly after handling.
 P272 Contaminated work clothing should not be allowed out of the workplace.

- P273 Avoid release to the environment.
 P280 Wear protective gloves and eye protection.

Response:

- P302+352 IF ON SKIN: Wash with plenty of water.
 P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
 P333+313 If skin irritation or a rash occurs: Get medical advice/attention.
 P337+313 If eye irritation persists: get medical advice/attention.
 P308+311 IF exposed or concerned: Call a Poison Center/doctor.
 P362+364 Take off contaminated clothing and wash it before reuse.
 P314 Get medical advice/attention if you feel unwell.
 P391 Collect spillage

Storage:

- P405 Store locked up.

Disposal:

- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards Not Otherwise Classified (HNOC)	
2% of Mixture of unknown toxicity	

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS No.	Weight %
Solvent Black 7	8005-02-5	3-5%
Aniline	62-53-3	0.03-0.06%
Solvent Black 5	11099-03-9	2.088
Diethanolamine	111-42-2	2-4%
Solvent naphtha (petroleum)	64742-88-7	0.024%
Polydimethylsiloxane	63148-62-9	0.012%
Glycidylether	68609-97-2	0.012%
Rosin Ester	-	1-3%
Di-isononylphthalate	28553-12-0	15-20%

SECTION 4: FIRST AID MEASURES

- Inhalation:** Remove person to fresh air and keep comfortable for breathing. Call a Poison Center/Doctor if you feel unwell.
Ingestion: Get medical advice/attention if you feel unwell.
Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: get medical advice/attention.
Skin Contact: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
Notes to the Physician: Treat symptomatically. No special treatment needed.

SECTION 5: FIRE FIGHTING MEASURES

- Suitable extinguishing media** Dry chemical, foam, carbon dioxide and water fog.
Unsuitable extinguishing media None known.
Fire hazards/conditions of flammability Not a flammable substance.
Explosion data Not sensitive to mechanical impact or static discharge.
Fire-fighting procedure Wear protective clothing and respiratory protection (SCBA).
Hazardous combustion products Oxides of carbon and nitrogen, irritating fumes and smoke.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	All persons dealing with clean-up should wear the appropriate protective equipment expressed in Section 8. Do not eat, drink or smoke while participating in clean up.
Environmental precautions	Ensure spilled product does not enter drains, sewers, waterways or confined spaces. For large spills, dike the area to prevent spreading.
Spill Containment/cleanup	Contain and absorb spilled liquid with non-combustible, inert absorbent material such as vermiculite or sand, then place absorbent material into a container for later disposal.
Special spill response procedures	In case of a transportation accident, in the United States contact CHEMTREC at 1-800424-9300 or International at 1-703-527-3887.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Wear suitable protective equipment during handling. Do not ingest. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.
Conditions for safe storage	Store in a cool, dry, well-ventilated area. Store away from incompatibles, temperature extremes and out of direct sunlight. Inspect periodically for damage or leaks.
Incompatible materials	Strong oxidizing agents; strong reducing agents; acids.
Special packaging materials	Always keep in containers made of the same materials as the supply container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**Component Exposure Limits**

No data available for the mixture

Diethanolamine 111-42-2		
1 mg/m ³ TWA	ACGIH	
15 mg/m ³ TWA	NIOSH	

Solvent Naphtha (petroleum) 64742-88-7		
400 mg/m ³ TWA	OSHA	

Appropriate engineering controls	Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.
Respiratory protection	If the TLV is exceeded, a NIOSH/MSHA-approved respirator is advised. Confirmation of which type of respirator is most suitable for the intended application should be obtained from respiratory protection suppliers.
Skin protection	Impervious gloves must be worn when using this product. Advice should be sought from glove suppliers.
Eye/Face protection	Good industrial hygiene practices should be used when handling this product including preventing eye contact and minimizing skin contact and inhalation.
Other protective equipment	As needed to prevent eye contact and minimizing skin contact and inhalation.
General hygiene measures	Avoid breathing vapor or mist. Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove and wash contaminated clothing before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state/Appearance	Black, viscous slurry
Odor	Slight

Odor Threshold	N/Av
Specific gravity	Not available
pH	6.5-7.5
Initial Boiling point	Not available
Melting/Freezing point	Not available
Coefficient of water/oil distribution	Not available
Vapor pressure (mm Hg @ 20°C/68°F)	Not available
Vapor density (Air = 1)	Not available
Evaporation rate (n-Butyl acetate = 1)	Slower than n-Butyl acetate
Solubility in water	Soluble
% Volatiles (by weight)	
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Lower flammable limit (% by vol)	Not applicable
Upper flammable limit (% by vol)	Not applicable
Flame projection length	Not applicable
Flashback observed	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not reactive.
Chemical Stability	Stable under the recommended storage and handling conditions prescribed.
Possibility of hazardous reactions	None are known.
Conditions to avoid	Avoid heat and open flame.
Incompatible materials	See Section 7 (Handling and Storage) for further details.
Hazardous decomposition products	None known; refer to hazardous combustion products in Section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

There is no available data for the mixture itself, only for the ingredients. See below for individual acute toxicity data.

Routes of Exposure

Ingestion, inhalation, skin contact, eye contact.

Acute and Chronic Toxicity							
Component	CAS Number	Oral LD ₅₀		Dermal LD ₅₀		Inhalation	
Solvent Black 5	11099-03-9	500 mg/kg	Rat	-	-	-	-
Solvent Black 7	8005-02-5	5200 mg/kg	Rat	-	-	-	-
Aniline	62-53-3	250 mg/kg	Rat	836 mg/kg	Rabbit	248	ppm
Polydimethylsiloxane	63148-62-9	>5000 mg/kg	Rat	>2000 mg/kg	Rabbit	>695	mg/m ³
Diethanolamine	111-42-2	1600 mg/kg	Rat	12200 mg/kg	Rabbit	-	-
Di-isononyl phthalate	28553-12-0	10000 mg/kg	Rat	3160 mg/kg	Rabbit	4.4	mg/l

Skin Corrosion/Irritation

Some components of this product are skin irritants.

Serious Eye Damage/Irritation

Some components of this product are eye irritants.

Sensitization

Some components of this product are skin sensitizers.

Germ Cell Mutagenicity

No components of this product are potential mutagens.

Carcinogenicity

One component of the product is listed as a carcinogen by NTP, IARC, or OSHA.

Aniline 62-53-3
Diethanolamine 111-42-2

Reproductive/Developmental Toxicity

No data available

Specific Target Organ Toxicity

Single Exposure No data available.
Repeated Exposure No data available.

Aspiration Hazard

The mixture does not pose an aspiration hazard

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity No data is available on the mixture itself.

Component	Toxicity to Fish	Toxicity to Invertebrates	Toxicity to Algae
Glycidylether	5000 mg/L 96hr	7.2 mg/L 48hr	843 mg/L 72hr

Persistence

No data available on the mixture.

Bioaccumulative potential

No data available on the mixture.

Mobility in Soil

No data available on the mixture.

Other Adverse Effects

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Instructions Dispose of contents/container in accordance with local/regional/national/international regulations. The responsibility for proper waste disposal lies with the owner of the waste. Emptied containers retain residue

US EPA Waste Number There is no applicable EPA waste number. This product, if discarded, is not expected to be a characteristic or listed hazardous waste.

SECTION 14: TRANSPORTATION INFORMATION

DOT This material is not regulated
UN Proper Shipping Name This material is not regulated
Hazard Class N/A
UN Number N/A
Packing Group N/A
Marine Pollutant No

SECTION 15: REGULATORY INFORMATION**SARA Sections 302 & 304**

Aniline 62-53-3

SARA Section 311 & 312

Acute health hazard

Chronic health hazard

SARA Section 313

The following component is subject to reporting levels established by SARA Title III, Section 313:

Aniline 62-53-3

Diethanolamine 111-42-2

CERCLA

Aniline 5000 lbs

Diethanolamine 100 lbs

TSCA

All components of this product are either listed or are exempt on the TSCA inventory.

The following components of this product are subject to the reporting requirements of Section 12(b) of TSCA:

Component Analysis – State								
Component	CAS #	CA	MA	MN	PA	RI	NJ	LA
Solvent Black 7	8005-02-5	N	N	N	N	N	N	N
Aniline	62-53-3	Y	Y	N	Y	N	Y	N
Solvent Black 5	11099-03-09	N	N	N	N	N	N	N
Diethanolamine	111-42-2	Y	N	N	Y	N	Y	N

California Prop 65

This product contains chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER INFORMATION

Revision Information:	2/24/2017
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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: PREMIX – GREEN
Product Code: 14820, 7120, PSPG01, PSPG05, PSPG25, PSPGR01
Recommended Use: Industrial Marking
Manufacturer Name & Address: Identity Group
1480 Gould Drive
Cookeville, TN 38506

Telephone Number: 931-432-4000

Emergency Telephone Number: Identity Group – 931-432-4000
Chemtrec – 1-800-424-9300 (Within the Continental US)

SECTION 2: HAZARD IDENTIFICATION**Classification:**

Eye Damage/Irritation	Category 1
Skin Sensitization	Category 1
Carcinogenicity	Category 2
Specific Target Organ Toxicity - RE	Category 2

Label Elements:**Symbol:**

Signal Word: Danger

Hazard Statements:

H318 Causes serious eye damage
H317 May cause an allergic skin reaction.
H351 Suspected of causing cancer.
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements:**Prevention:**

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust/fumes/gas/mist/vapors/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P302+352 IF ON SKIN: Wash with plenty of soap and water.

- P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
- P337+313 If eye irritation persists: get medical advice/attention.
- P310 Immediately call a Poison Center or doctor/physician.
- P33+313 If skin irritation or a rash occurs: Get medical advice/attention.
- P308+311 IF exposed or concerned: Call a Poison Center/doctor.
- P362+364 Take off contaminated clothing and wash it before reuse.

Storage:

- P405 Store locked up.

Disposal:

- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards Not Otherwise Classified (HNOC)

No additional information identified.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS No.	Weight %
Cocamide	68603-42-9	7-9%
Diethanolamine	111-42-2	3-4%
Rosin Ester	-	2-3%
Tricresyl Phosphate	1330-78-5	7-8%
Solvent naphtha (petroleum)	64742-88-7	0.06%
Polydimethylsiloxane	63148-62-9	0.03%
Glycidylether	68609-97-2	0.03%

SECTION 4: FIRST AID MEASURES

- Inhalation:** Remove person to fresh air and keep comfortable for breathing. Call a Poison Center/Doctor if you feel unwell.
- Ingestion:** Get medical advice/attention if you feel unwell.
- Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: get medical advice/attention.
- Skin Contact:** Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
- Notes to the Physician:** Treat symptomatically. No special treatment needed.

SECTION 5: FIRE FIGHTING MEASURES

- Suitable extinguishing media** Dry chemical, foam, carbon dioxide and water fog.
- Unsuitable extinguishing media** None known.
- Fire hazards/conditions of flammability** Not a flammable substance.
- Explosion data** Not sensitive to mechanical impact or static discharge.
- Fire-fighting procedure** Wear protective clothing and respiratory protection (SCBA).
- Hazardous combustion products** Oxides of carbon and nitrogen, irritating fumes and smoke.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal precautions** All persons dealing with clean-up should wear the appropriate protective equipment expressed in Section 8. Do not eat, drink or smoke while participating in clean up.
- Environmental precautions** Ensure spilled product does not enter drains, sewers, waterways or confined spaces. For large spills, dike the area to prevent spreading.
- Spill Containment/cleanup** Contain and absorb spilled liquid with non-combustible, inert absorbent material such as vermiculite or sand, then place absorbent material into a container for later disposal.

Special spill response procedures In case of a transportation accident, in the United States contact CHEMTREC at 1-800424-9300 or International at 1-703-527-3887.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling Wear suitable protective equipment during handling. Do not ingest. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

Conditions for safe storage Store in a cool, dry, well-ventilated area. Store away from incompatibles, temperature extremes and out of direct sunlight. Inspect periodically for damage or leaks.

Incompatible materials Strong oxidizing agents; strong reducing agents; acids.

Special packaging materials Always keep in containers made of the same materials as the supply container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Component Exposure Limits

No data available for the mixture

Diethanolamine 111-42-2

1 mg/m³ TWA ACGIH

15 mg/m³ TWA NIOSH

Solvent Naphtha (petroleum) 64742-88-7

400 mg/m³ TWA OSHA

Appropriate engineering controls Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.

Respiratory protection If the TLV is exceeded, a NIOSH/MSHA-approved respirator is advised. Confirmation of which type of respirator is most suitable for the intended application should be obtained from respiratory protection suppliers.

Skin protection Impervious gloves must be worn when using this product. Advice should be sought from glove suppliers.

Eye/Face protection Good industrial hygiene practices should be used when handling this product including preventing eye contact and minimizing skin contact and inhalation.

Other protective equipment As needed to prevent eye contact and minimizing skin contact and inhalation.

General hygiene measures Avoid breathing vapor or mist. Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove and wash contaminated clothing before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state/Appearance Green, slightly viscous liquid

Odor Slight

Odor Threshold N/Av

Specific gravity Not available

pH Not available

Initial Boiling point Not available

Melting/Freezing point Not available

Coefficient of water/oil distribution Not available

Vapor pressure (mm Hg @ 20°C/68°F) Not available

Vapor density (Air = 1) Not available

Evaporation rate (n-Butyl acetate = 1) Slower than n-Butyl acetate

Solubility in water Not available

% Volatiles (by weight)	
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Lower flammable limit (% by vol)	Not applicable
Upper flammable limit (% by vol)	Not applicable
Flame projection length	Not applicable
Flashback observed	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not reactive.
Chemical Stability	Stable under the recommended storage and handling conditions prescribed.
Possibility of hazardous reactions	None are known.
Conditions to avoid	Avoid heat and open flame.
Incompatible materials	See Section 7 (Handling and Storage) for further details.
Hazardous decomposition products	None known; refer to hazardous combustion products in Section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

There is no available data for the mixture itself, only for the ingredients. See below for individual acute toxicity data.

Routes of Exposure

Ingestion, skin contact, eye contact.

Acute Toxicity									
Component	CAS Number	Oral LD ₅₀	Oral Units	Oral Animal	Dermal LD ₅₀	Dermal Units	Dermal Animal	Inhalation LD ₅₀	Inhalation Units
Diethanolamine	111-42-2	1600	Mg/kg	Rat	12200	mg/kg	Rabbit	-	-
Tricresyl Phosphate	1330-78-5	3000	mg/kg	Rat	10000	mg/kg	Rabbit	1000000	-
Polydimethylsiloxane	63148-62-9	>5000	mg/kg	Rat	>2000	Mg/kg	Rabbit	-	-
Di-isononylphthalate	28553-12-0	10000	Mg/kg	Rat	3160	Mg/kg	Rabbit	4.4	Mg/L

Skin Corrosion/Irritation

No component of this product is a skin irritant.

Serious Eye Damage/Irritation

Some components of this product are eye irritants.

Sensitization

A component of this product is a skin sensitizer.

Germ Cell Mutagenicity

No component of this product is a mutagen.

Carcinogenicity

A component of this product is listed as carcinogens by NTP, IARC, or OSHA
Diethanolamine CAS # 111-42-2

Reproductive/Developmental Toxicity

No data available

Specific Target Organ Toxicity

Single Exposure No data available.

Repeated Exposure No data available.

Aspiration Hazard

The mixture does not pose an aspiration hazard

SECTION 12: ECOLOGICAL INFORMATION**Ecotoxicity No data is available on the mixture itself.**

Component	Toxicity to Fish	Toxicity to Invertebrates	Toxicity to Algae
Glycidylether	5000 mg/L 96hr	7.2 mg/L 48hr	843 mg/L 72hr

Persistence

No data available on the mixture.

Bioaccumulative potential

No data available on the mixture.

Mobility in Soil

No data available on the mixture.

Other Adverse Effects

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Instructions	Dispose of contents/container in accordance with local/regional/national/international regulations. The responsibility for proper waste disposal lies with the owner of the waste. Emptied containers retain residue
US EPA Waste Number	There is no applicable EPA waste number. This product, if discarded, is not expected to be a characteristic or listed hazardous waste.

SECTION 14: TRANSPORTATION INFORMATION

DOT	This material is not regulated
UN Proper Shipping Name	This material is not regulated
Hazard Class	N/A
UN Number	N/A
Packing Group	N/A
Marine Pollutant	No

SECTION 15: REGULATORY INFORMATION**SARA Sections 302 & 304****SARA Section 311 & 312**

Acute: Yes
Chronic: Yes

SARA Section 313

The following component is subject to reporting levels established by SARA Title III, Section 313:
Diethanolamine (CAS# 111-42-2)

CERCLA

Diethanolamine (CAS# 111-42-2) 100 lbs.

TSCA

All components of this product are either listed or are exempt on the TSCA inventory.

The following components of this product are subject to the reporting requirements of Section 12(b) of TSCA:

None

Component Analysis – State								
Component	CAS	CA	LA	MA	MN	NJ	PA	RI
Cocamide	68603-42-9	Y	N	N	N	Y	N	N
Diethanolamine	111-42-2	Y	N	N	N	Y	N	N
Di-isononylphthalate	28553-12-0	Y	N	N	N	N	Y	N

California Prop 65

This product contains a chemical known to the State of California to cause cancer, birth defects, or any other reproductive harm. Diethanolamine CAS# 111-42-2, Di-isononylphthalate CAS# 28553-12-0

SECTION 16: OTHER INFORMATION

Revision Information: 9/19/2017

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: PREMIX – VIOLET
Product Code: 14821, 7118, 8246, PSPV01, PSPV05, PSPV25
Recommended Use: Industrial Marking
Manufacturer Name & Address: Identity Group
 1480 Gould Drive
 Cookeville, TN 38506

Telephone Number: 931-432-4000

Emergency Telephone Number: Identity Group – 931-432-4000
 Chemtrec – 1-800-424-9300 (Within the Continental US)

SECTION 2: HAZARD IDENTIFICATION

Classification:

Skin Corrosion/Irritation	Category 2
Eye Damage/Irritation	Category 1
Skin Sensitization	Category 1
Specific Target Organ Toxicity - RE	Category 2

Label Elements:

Symbol:



Signal Word: Danger

Hazard Statements:

H315 Causes skin irritation.
 H318 Causes serious eye damage
 H317 May cause an allergic skin reaction.
 H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements:

Prevention:

P261 Avoid breathing dust/fumes/gas/mist/vapors/spray.
 P264 Wash skin and hands thoroughly after handling.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P302+352 IF ON SKIN: Wash with plenty of soap and water.
 P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

- P337+313 If eye irritation persists: get medical advice/attention.
 P310 Immediately call a Poison Center or doctor/physician.
 P314 Get medical advice/attention if you feel unwell.
 P333+313 If skin irritation or a rash occurs: Get medical advice/attention.
 P362+364 Take off contaminated clothing and wash it before reuse.

Storage:**Disposal:**

- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards Not Otherwise Classified (HNOC)

No additional information identified.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS No.	Weight %
Basic Violet 1	68647-14-3	4-6%
2-Ethyl-1,3-hexanediol	94-96-2	4-6%
Glyceryl Monoricinoleate	1323-38-2	8-11%
Rosin Ester	-	6-8%
Tricresyl Phosphate	1330-78-5	7-9%
Solvent naphtha (petroleum)	64742-88-7	0.06%
Polydimethylsiloxane	63148-62-9	0.03%
Glycidylether	68609-97-2	0.03%

SECTION 4: FIRST AID MEASURES

- Inhalation:** Remove person to fresh air and keep comfortable for breathing. Call a Poison Center/Doctor if you feel unwell.
- Ingestion:** Get medical advice/attention if you feel unwell.
- Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: get medical advice/attention.
- Skin Contact:** Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
- Notes to the Physician:** Treat symptomatically. No special treatment needed.

SECTION 5: FIRE FIGHTING MEASURES

- Suitable extinguishing media** Dry chemical, foam, carbon dioxide and water fog.
- Unsuitable extinguishing media** None known.
- Fire hazards/conditions of flammability** Not a flammable substance.
- Explosion data** Not sensitive to mechanical impact or static discharge.
- Fire-fighting procedure** Wear protective clothing and respiratory protection (SCBA).
- Hazardous combustion products** Oxides of carbon and nitrogen, irritating fumes and smoke.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal precautions** All persons dealing with clean-up should wear the appropriate protective equipment expressed in Section 8. Do not eat, drink or smoke while participating in clean up.
- Environmental precautions** Ensure spilled product does not enter drains, sewers, waterways or confined spaces. For large spills, dike the area to prevent spreading.

Spill Containment/cleanup	Contain and absorb spilled liquid with non-combustible, inert absorbent material such as vermiculite or sand, then place absorbent material into a container for later disposal.
Special spill response procedures	In case of a transportation accident, in the United States contact CHEMTREC at 1-800424-9300 or International at 1-703-527-3887.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Wear suitable protective equipment during handling. Do not ingest. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.
Conditions for safe storage	Store in a cool, dry, well-ventilated area. Store away from incompatibles, temperature extremes and out of direct sunlight. Inspect periodically for damage or leaks.
Incompatible materials	Strong oxidizing agents; strong reducing agents; acids.
Special packaging materials	Always keep in containers made of the same materials as the supply container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Component Exposure Limits

No data available for the mixture

Solvent Naphtha (petroleum) 64742-88-7
400 mg/m³ TWA OSHA

Appropriate engineering controls	Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.
Respiratory protection	If the TLV is exceeded, a NIOSH/MSHA-approved respirator is advised. Confirmation of which type of respirator is most suitable for the intended application should be obtained from respiratory protection suppliers.
Skin protection	Impervious gloves must be worn when using this product. Advice should be sought from glove suppliers.
Eye/Face protection	Good industrial hygiene practices should be used when handling this product including preventing eye contact and minimizing skin contact and inhalation.
Other protective equipment	As needed to prevent eye contact and minimizing skin contact and inhalation.
General hygiene measures	Avoid breathing vapor or mist. Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove and wash contaminated clothing before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state/Appearance	Violet, slightly viscous liquid
Odor	Slight
Odor Threshold	N/Av
Specific gravity	Not available
pH	Not available
Initial Boiling point	Not available
Melting/Freezing point	Not available
Coefficient of water/oil distribution	Not available
Vapor pressure (mm Hg @ 20°C/68°F)	Not available
Vapor density (Air = 1)	Not available
Evaporation rate (n-Butyl acetate = 1)	Slower than n-Butyl acetate
Solubility in water	Not available
% Volatiles (by weight)	
Flash point	Not applicable

Auto-ignition temperature	Not applicable
Lower flammable limit (% by vol)	Not applicable
Upper flammable limit (% by vol)	Not applicable
Flame projection length	Not applicable
Flashback observed	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not reactive.
Chemical Stability	Stable under the recommended storage and handling conditions prescribed.
Possibility of hazardous reactions	None are known.
Conditions to avoid	Avoid heat and open flame.
Incompatible materials	See Section 7 (Handling and Storage) for further details.
Hazardous decomposition products	None known; refer to hazardous combustion products in Section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

There is no available data for the mixture itself, only for the ingredients. See below for individual acute toxicity data.

Routes of Exposure

Ingestion, skin contact, eye contact.

Acute Toxicity									
Component	CAS Number	Oral LD ₅₀	Oral Units	Oral Animal	Dermal LD ₅₀	Dermal Units	Dermal Animal	Inhalation LD ₅₀	Inhalation Units
Basic Violet 1	68647-14-3	-	-	-	-	-	-	-	-
2-Ethyl-1,3-hex	94-96-2	2710	mg/kg	Rat	2000	mg/kg	Rabbit	4800	ppm/8hrs
Glyceryl Monoricinoleate	1323-38-2	-	-	-	-	-	-	-	-
Tricresyl Phosphate	1330-78-5	3000	mg/kg	Rat	10000	mg/kg	Rabbit	-	-
Polydimethylsiloxane	63148-62-9	>5000	mg/kg	Rat	>2000	Mg/kg	Rabbit	-	-
Di-isononylphthalate	28553-12-0	10000	Mg/kg	Rat	3160	Mg/kg	Rabbit	4.4	Mg/L

Skin Corrosion/Irritation

Some components of this product are skin irritants.

Serious Eye Damage/Irritation

Some components of this product are eye irritants.

Sensitization

A component of this product is a skin sensitizer.

Germ Cell Mutagenicity

No component of this product is a mutagen.

Carcinogenicity

No component of this product is listed as carcinogens by NTP, IARC, or OSHA

Reproductive/Developmental Toxicity

No data available

Specific Target Organ Toxicity

Single Exposure No data available.

Repeated Exposure No data available.

Aspiration Hazard

The mixture does not pose an aspiration hazard

SECTION 12: ECOLOGICAL INFORMATION**Ecotoxicity No data is available on the mixture itself.**

Component	Toxicity to Fish	Toxicity to Invertebrates	Toxicity to Algae
Glycidylether	5000 mg/L 96hr	7.2 mg/L 48hr	843 mg/L 72hr

Persistence

No data available on the mixture.

Bioaccumulative potential

No data available on the mixture.

Mobility in Soil

No data available on the mixture.

Other Adverse Effects

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Instructions	Dispose of contents/container in accordance with local/regional/national/international regulations. The responsibility for proper waste disposal lies with the owner of the waste. Emptied containers retain residue
US EPA Waste Number	There is no applicable EPA waste number. This product, if discarded, is not expected to be a characteristic or listed hazardous waste.

SECTION 14: TRANSPORTATION INFORMATION

DOT	This material is not regulated
UN Proper Shipping Name	This material is not regulated
Hazard Class	N/A
UN Number	N/A
Packing Group	N/A
Marine Pollutant	No

SECTION 15: REGULATORY INFORMATION**SARA Sections 302 & 304****SARA Section 311 & 312**

Acute: Yes
Chronic: Yes

SARA Section 313

The following component is subject to reporting levels established by SARA Title III, Section 313:
None

CERCLA

N/A

TSCA

All components of this product are either listed or are exempt on the TSCA inventory.

The following components of this product are subject to the reporting requirements of Section 12(b) of TSCA:

None

Component Analysis – State								
Component	CAS	CA	LA	MA	MN	NJ	PA	RI
Di-isononylphthalate	28553-12-0	Y	N	N	N	N	Y	N
-	-	-	-	-	-	-	-	-

California Prop 65

This product contains a chemical known to the State of California to cause cancer, birth defects, or any other reproductive harm. Di-isononylphthalate CAS# 28553-12-0

SECTION 16: OTHER INFORMATION

Revision Information: 9/19/2017

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: PREMIX – RED
Product Code: 14822, PSPR01, PSPR05, PSPR25
Recommended Use: Industrial Marking
Manufacturer Name & Address: Identity Group
 1480 Gould Drive
 Cookeville, TN 38506

Telephone Number: 931-432-4000

Emergency Telephone Number: Identity Group – 931-432-4000
 Chemtrec – 1-800-424-9300 (Within the Continental US)

SECTION 2: HAZARD IDENTIFICATION

Classification:

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2B
Skin Sensitisation	Category 1
Specific Target Organ Toxicity - RE	Category 2
Reproductive Toxicity	Category 1B
Carcinogenicity	Category 1B
Acute Aquatic Toxicity	Category 1
Chronic Aquatic Toxicity	Category 1

Label Elements:

Symbol:



Signal Word: Danger

Hazard Statements:

H315 Causes skin irritation.
 H320 Causes eye irritation.
 H317 May cause an allergic skin reaction.
 H350 May cause cancer.
 H360 May damage fertility or the unborn child.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements:

Prevention:

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P261 Avoid breathing dust/fume/gas/vapors/spray.

- P264 Wash hands/skin thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

- P302+352 IF ON SKIN: Wash with plenty of soap and water.
 P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do-continue rinsing.
 P308+311 IF exposed or concerned: Call a POISON CENTER/doctor.
 P312 Call a POISON CENTER or doctor/physician if you feel unwell.
 P333+313 If skin irritation or a rash occurs: Get medical attention/advice.
 P362+364 Take off contaminated clothing and wash it before reuse.
 P391 Collect spillage.

Storage:

- P405 Store locked up.

Disposal:

- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards Not Otherwise Classified (HNOC)

No additional information identified.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.	Component	Percent
66142-95-8	Navipon Fire Red BL	3-5%
68603-42-9	Cocamide DEA	2-4%
111-42-2	Diethanolamine	0.5-1.0%
64742-88-7	Solvent naphtha (petroleum)	0.024%
63148-62-9	Polydimethylsiloxane	0.012%
68609-97-2	Glycidylether	0.012%
1330-78-5	Tricresyl phosphate	10-15%

SECTION 4: FIRST AID MEASURES

- Inhalation:** Immediately remove person to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only. Seek immediate medical attention/advice.
- Ingestion:** Seek immediate medical attention/advice. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.
- Eye Contact:** Flush eyes with water for at least 15 minutes while holding eyelids open. When symptoms persist or in all cases of doubt, seek medical advice.
- Skin Contact:** Immediately flush with plenty of water, while removing contaminated clothing. When symptoms persist or in all cases of doubt, seek medical advice.
- Notes to the Physician:** Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

- Suitable extinguishing media** Dry chemical, foam, carbon dioxide and water fog.
Unsuitable extinguishing media
Fire hazards/conditions of flammability Not a flammable substance.
Explosion data Not sensitive to mechanical impact or static discharge.

Fire-fighting procedure	Wear protective clothing and respiratory protection (SCBA). Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame.
Hazardous combustion products	Oxides of carbon and nitrogen, irritating fumes and smoke.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	All persons dealing with clean-up should wear the appropriate protective equipment expressed in Section 8. Do not eat, drink or smoke while participating in clean up.
Environmental precautions	Ensure spilled product does not enter drains, sewers, waterways or confined spaces. For large spills, dike the area to prevent spreading.
Spill Containment/cleanup	Contain and absorb spilled liquid with non-combustible, inert absorbent material such as vermiculite or sand, then place absorbent material into a container for later disposal. Notify the appropriate authorities as required.
Special spill response procedures	In case of a transportation accident, in the United States contact CHEMTREC at 1-800-424-9300 or International at 1-703-527-3887.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Wear suitable protective equipment during handling. Do not ingest. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.
Conditions for safe storage	Store in a cool, dry, well-ventilated area. Store away from incompatibles, temperature extremes and out of direct sunlight. Inspect periodically for damage or leaks.
Incompatible materials	Strong oxidizing agents; strong reducing agents; acids.
Special packaging materials	Always keep in containers made of the same materials as the supply container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Component Exposure Limits

Diethanolamine 111-42-2	
1 mg/m ³ TWA	ACGIH
15 mg/m ³ TWA	NIOSH
Solvent Naphtha (petroleum) 64742-88-7	
400 mg/m ³ TWA	OSHA

Appropriate engineering controls	Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.
Respiratory protection	If the TLV is exceeded, a NIOSH/MSHA-approved respirator is advised. Confirmation of which type of respirator is most suitable for the intended application should be obtained from respiratory protection suppliers.
Skin protection	Impervious gloves must be worn when using this product. Advice should be sought from glove suppliers.
Eye/Face protection	Good industrial hygiene practices should be used when handling this product including preventing eye contact and minimizing skin contact and inhalation.
Other protective equipment	As needed to prevent eye contact and minimizing skin contact and inhalation.
General hygiene measures	Avoid breathing vapor or mist. Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove and wash contaminated clothing before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state/Appearance	Flexible gel matrix impregnated with red ink.
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Odor	Mild
Odor Threshold	N/Av
Specific gravity	0.9
pH	Not applicable
Initial Boiling point	>300°F
Melting/Freezing point	Not available
Coefficient of water/oil distribution	Not available
Vapor pressure (mm Hg @ 20°C/68°F)	Not available
Vapor density (Air = 1)	Heavier than air
Evaporation rate (n-Butyl acetate = 1)	Slower than n-Butyl acetate
Solubility in water	Slightly
% Volatiles (by weight)	Not available
Flash point	>200°F, TCC
Auto-ignition temperature	Not applicable
Lower flammable limit (% by vol)	Not applicable
Upper flammable limit (% by vol)	Not applicable
Flame projection length	Not available
Flashback observed	Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not reactive.
Chemical Stability	Stable under the recommended storage and handling conditions prescribed.
Possibility of hazardous reactions	None are known.
Conditions to avoid	Avoid heat and open flame.
Incompatible materials	See Section 7 (Handling and Storage) for further details.
Hazardous decomposition products	None known; refer to hazardous combustion products in Section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

There is no available data for the mixture itself, only for the ingredients. See below for individual acute toxicity data.

Routes of Exposure

Skin Absorption, Eyes, Ingestion,

Acute and Chronic Toxicity							
Component	CAS Number	Oral LD ₅₀		Dermal LD ₅₀		Inhalation	
1,5-Pentanediol	111-29-5	10000 mg/kg	Rat	19800 mg/kg	Rabbit	-	-
Tricresyl phosphate	1330-78-5	3000 mg/kg	Rat	10000 mg/kg	Rabbit	-	-
Polydimethylsiloxane	63148-62-9	>5000 mg/kg	Rat	>2000 mg/kg	Rabbit	>695 mg/m ³	
Diethanolamine	111-42-2	1600 mg/kg	Rat	12200 mg/kg	Rabbit	-	-

Skin Corrosion/Irritation

Some components of this product are skin irritants

Serious Eye Damage/Irritation

A component of this product is an eye irritant.

Sensitization

May cause skin sensitization

Germ Cell Mutagenicity

No data available

Carcinogenicity

One or more of the components are listed as carcinogens by NTP, IARC, or OSHA

Reproductive/Developmental Toxicity

One or more of the components are known reproductive toxicants.

Specific Target Organ Toxicity

Single Exposure No data available

Repeated Exposure No data available

Aspiration Hazard

The mixture does not pose an aspiration hazard

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity No data is available on the mixture itself.

Component	Toxicity to Fish	Toxicity to Invertebrates	Toxicity to Algae
Glycidylether	5000 mg/L 96hr	7.2 mg/L 48hr	843 mg/L 72hr

Persistence

No data available on the mixture.

Bioaccumulative potential

No data available on the mixture.

Mobility in Soil

No data available on the mixture.

Other Adverse Effects

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Instructions Dispose of in accordance with federal, provincial and local waste regulations.
Avoid release to the environment.

SECTION 14: TRANSPORTATION INFORMATION

DOT	This material is not regulated
UN Proper Shipping Name	This material is not regulated
Hazard Class	N/A
UN Number	N/A
Packing Group	N/A
Marine Pollutant	No

SECTION 15: REGULATORY INFORMATION**SARA Sections 302**

No Extremely Hazardous Substances are present in this mixture.

SARA Section 311 & 312

Acute health hazard

Chronic health hazard

SARA Section 313

The following component is subject to reporting levels established by SARA Title III, Section 313:
Diethanolamine (111-42-2)

CERCLA

Diethanolamine (111-42-2) 100 lbs.

TSCA

All components of this product are either listed or are exempt on the TSCA inventory.

The following components of this product are subject to the reporting requirements of Section 12(b) of TSCA:
None

Component Analysis – State

Component	CAS	CA	LA	MA	MN	NJ	PA	RI
Diethanolamine	111-42-2	Y	N	N	N	Y	N	N
Tricresyl phosphate	1330-78-5	N	N	N	N	N	N	N

California Prop 65

This product contains chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER INFORMATION

HMIS Ratings: Health: 2 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Revision Information: 2/22/2017

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: PREMIX – BLUE
Product Code: 14823, PSPBL01, PSPBL05, PSPBL25
Recommended Use: Industrial Marking
Manufacturer Name & Address: Identity Group
1480 Gould Drive
Cookeville, TN 38506

Telephone Number: 931-432-4000

Emergency Telephone Number: Identity Group – 931-432-4000
Chemtrec – 1-800-424-9300 (Within the Continental US)

SECTION 2: HAZARD IDENTIFICATION**Classification:**

Acute toxicity – Inhalation	Category 4
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 1
Skin Sensitisation	Category 1
Specific Target Organ Toxicity - RE	Category 1
Reproductive Toxicity	Category 1B
Carcinogenicity	Category 2
Acute Aquatic Toxicity	Category 1
Chronic Aquatic Toxicity	Category 1

Label Elements:**Symbol:**

Signal Word: Danger

Hazard Statements:

- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H317 May cause an allergic skin reaction.
- H332 Harmful if inhaled.
- H350 May cause cancer.
- H360 May damage fertility or the unborn child.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements:**Prevention:**

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P261 Avoid breathing dust/fume/gas/vapors/spray.
- P264 Wash hands/skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

- P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P302+352 IF ON SKIN: Wash with plenty of soap and water.
- P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do-continue rinsing.
- P308+311 IF exposed or concerned: Call a POISON CENTER/doctor.
- P312 Call a POISON CENTER or doctor/physician if you feel unwell.
- P332+313 If skin irritation occurs: Get medical attention/advice.
- P362+364 Take off contaminated clothing and wash it before reuse.
- P391 Collect spillage.

Storage:

- P405 Store locked up.

Disposal:

- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards Not Otherwise Classified (HNOC)

No additional information identified.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.	Component	Percent
68603-42-9	Cocamide DEA	2-4%
111-42-2	Diethanolamine	0.5-1.0%
64742-88-7	Solvent naphtha (petroleum)	0.024%
63148-62-9	Polydimethylsiloxane	0.012%
68609-97-2	Glycidylether	0.012%
85-68-7	Benzyl Butyl Phthalate	15-25%
64742-05-8	Petroleum Extracts, Light Paraffinic Distillate Solvent	15-20%

SECTION 4: FIRST AID MEASURES

- Inhalation:** Immediately remove person to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only. Seek immediate medical attention/advice.
- Ingestion:** Seek immediate medical attention/advice. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.
- Eye Contact:** Flush eyes with water for at least 15 minutes while holding eyelids open. When symptoms persist or in all cases of doubt, seek medical advice.
- Skin Contact:** Immediately flush with plenty of water, while removing contaminated clothing. When symptoms persist or in all cases of doubt, seek medical advice.
- Notes to the Physician:** Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media	Dry chemical, foam, carbon dioxide and water fog.
Unsuitable extinguishing media	
Fire hazards/conditions of flammability	Not a flammable substance.
Explosion data	Not sensitive to mechanical impact or static discharge.
Fire-fighting procedure	Wear protective clothing and respiratory protection (SCBA). Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame.
Hazardous combustion products	Oxides of carbon and nitrogen, irritating fumes and smoke.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	All persons dealing with clean-up should wear the appropriate protective equipment expressed in Section 8. Do not eat, drink or smoke while participating in clean up.
Environmental precautions	Ensure spilled product does not enter drains, sewers, waterways or confined spaces. For large spills, dike the area to prevent spreading.
Spill Containment/cleanup	Contain and absorb spilled liquid with non-combustible, inert absorbent material such as vermiculite or sand, then place absorbent material into a container for later disposal. Notify the appropriate authorities as required.
Special spill response procedures	In case of a transportation accident, in the United States contact CHEMTREC at 1-800-424-9300 or International at 1-703-527-3887.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Wear suitable protective equipment during handling. Do not ingest. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.
Conditions for safe storage	Store in a cool, dry, well-ventilated area. Store away from incompatibles, temperature extremes and out of direct sunlight. Inspect periodically for damage or leaks.
Incompatible materials	Strong oxidizing agents; strong reducing agents; acids.
Special packaging materials	Always keep in containers made of the same materials as the supply container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**Component Exposure Limits**

Benzyl Butyl Phthalate 85-68-7	
5 mg/m ³ TWA	ACGIH
Diethanolamine 111-42-2	
1 mg/m ³ TWA	ACGIH
15 mg/m ³ TWA	NIOSH
Solvent Naphtha (petroleum) 64742-88-7	
400 mg/m ³ TWA	OSHA

Appropriate engineering controls	Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.
Respiratory protection	If the TLV is exceeded, a NIOSH/MSHA-approved respirator is advised. Confirmation of which type of respirator is most suitable for the intended application should be obtained from respiratory protection suppliers.
Skin protection	Impervious gloves must be worn when using this product. Advice should be sought from glove suppliers.
Eye/Face protection	Good industrial hygiene practices should be used when handling this product including preventing eye contact and minimizing skin contact and inhalation.

Other protective equipment

As needed to prevent eye contact and minimizing skin contact and inhalation.

General hygiene measures

Avoid breathing vapor or mist. Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove and wash contaminated clothing before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state/Appearance	Blue, slightly viscous liquid
Odor	Mild
Odor Threshold	N/Av
Specific gravity	0.9
pH	Not applicable
Initial Boiling point	>300°F
Melting/Freezing point	Not available
Coefficient of water/oil distribution	Not available
Vapor pressure (mm Hg @ 20°C/68°F)	Not available
Vapor density (Air = 1)	Heavier than air
Evaporation rate (n-Butyl acetate = 1)	Slower than n-Butyl acetate
Solubility in water	Slightly
% Volatiles (by weight)	Not available
Flash point	>200°F, TCC
Auto-ignition temperature	Not applicable
Lower flammable limit (% by vol)	Not applicable
Upper flammable limit (% by vol)	Not applicable
Flame projection length	Not available
Flashback observed	Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not reactive.
Chemical Stability	Stable under the recommended storage and handling conditions prescribed.
Possibility of hazardous reactions	None are known.
Conditions to avoid	Avoid heat and open flame.
Incompatible materials	See Section 7 (Handling and Storage) for further details.
Hazardous decomposition products	None known; refer to hazardous combustion products in Section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

There is no available data for the mixture itself, only for the ingredients. See below for individual acute toxicity data.

Routes of Exposure

Skin Absorption, Eyes, Ingestion,

Acute and Chronic Toxicity							
Component	CAS Number	Oral LD ₅₀		Dermal LD ₅₀		Inhalation	
Benzyl Butyl Phthalate	85-68-7	20400 mg/kg	Rat	10000 mg/kg	Rabbit	-	-
Polydimethylsiloxane	63148-62-9	>5000 mg/kg	Rat	>2000 mg/kg	Rabbit	>695 mg/m ³	
Diethanolamine	111-42-2	1600 mg/kg	Rat	12200 mg/kg	Rabbit	-	-
Petroleum extracts Parrafinic	64742-05-8	5000 mg/kg	Rat	3000 mg/kg	Rabbit	5 mg/L	-

Skin Corrosion/Irritation

Some components of this product are skin irritants

Serious Eye Damage/Irritation

A component of this product is an eye irritant.

Sensitization

May cause skin sensitization

Germ Cell Mutagenicity

No data available

Carcinogenicity

One or more of the components are listed as carcinogens by NTP, IARC, or OSHA

Reproductive/Developmental Toxicity

One or more of the components are known reproductive toxicants.

Specific Target Organ Toxicity

Single Exposure No data available

Repeated Exposure No data available

Aspiration Hazard

The mixture does not pose an aspiration hazard

SECTION 12: ECOLOGICAL INFORMATION**Ecotoxicity** No data is available on the mixture itself.

Component	Toxicity to Fish	Toxicity to Invertebrates	Toxicity to Algae
Benzyl Butyl Phthalate	10.0 mg/L 96hr (L. macrochirus)	1.1 mg/L 48hr	0.4 mg/L 96hr
Paraffinic Distillate Solvent	1000 mg/L 96hr	35.9 mg/L 48hr	1808 mg/L 96hr
Glycidylether	5000 mg/L 96hr	7.2 mg/L 48hr	843 mg/L 72hr

Persistence

No data available on the mixture.

Bioaccumulative potential

No data available on the mixture.

Mobility in Soil

No data available on the mixture.

Other Adverse Effects

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Instructions Dispose of in accordance with federal, provincial and local waste regulations.
Avoid release to the environment.

SECTION 14: TRANSPORTATION INFORMATION

DOT	This material is not regulated
UN Proper Shipping Name	This material is not regulated
Hazard Class	N/A
UN Number	N/A
Packing Group	N/A
Marine Pollutant	No

SECTION 15: REGULATORY INFORMATION**SARA Sections 302**

No Extremely Hazardous Substances are present in this mixture.

SARA Section 311 & 312

Acute health hazard
Chronic health hazard

SARA Section 313

The following component is subject to reporting levels established by SARA Title III, Section 313:
Diethanolamine (111-42-2)

CERCLA

Diethanolamine (111-42-2) 100 lbs.
Benzyl Butyl Phthalate (85-68-7) 100 lbs.

TSCA

All components of this product are either listed or are exempt on the TSCA inventory.
The following components of this product are subject to the reporting requirements of Section 12(b) of TSCA:
None

Component Analysis – State

Component	CAS	CA	LA	MA	MN	NJ	PA	RI
Cocamide	68603-42-9	Y	N	N	N	Y	N	N
Diethanolamine	111-42-2	Y	N	N	N	Y	N	N
Benzyl butyl phthalate	85-68-7	Y	N	N	N	N	N	N
Petroleum extracts-Paraffinic distillate solvent	64742-05-8	Y	N	Y	Y	Y	Y	-

California Prop 65

This product contains chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER INFORMATION

HMIS Ratings: Health: 2 Fire: 0 Reactivity: 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Revision Information: 2/22/2017

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.