

Safety Data Sheet



Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

- Product Name** • Slip Tac
- Product Code** • 46-250; 46-251; 46-252
- Product Description** • Slippery blue liquid with little or no odor.

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Relevant identified use(s)** • Tire bead lubricant

1.3 Details of the supplier of the safety data sheet

- Manufacturer** • Patch Rubber Company
100 Patch Rubber Road
Weldon, NC 27890
United States
- Telephone (General)** • (252)-536-2574
- Responsible party** • Christian Gimenez
Intertek Analytical Services France
France

Telephone (Technical) • 33 (0) 6 07 11 22 15

1.4 Emergency telephone number

- Manufacturer** • 1-800-424-9300 - CHEMTREC
- Manufacturer** • +1 703-527-3887 - CHEMTREC - Outside USA & CANADA (collect calls accepted)

Section 2: Hazards Identification

EU/EEC

According to EU Directive 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]
According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

- CLP** • Not Classified - Classification criteria not met
- DSD/DPD** • Not Classified - Classification criteria not met

2.2 Label Elements

CLP

Hazard statements • No label element(s) required

DSD/DPD

Risk phrases • No label element(s) required

2.3 Other Hazards

CLP

- According to Regulation (EC) No. 1272/2008 (CLP) this material is not considered hazardous.

DSD/DPD

- According to European Directive 1999/45/EC this preparation is not considered dangerous.
-

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012

- Not Classified - Classification criteria not met

2.2 Label elements

OSHA HCS 2012

Hazard statements • No label elements(s) required

2.3 Other hazards

OSHA HCS 2012

- This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard.
-

Canada

According to WHMIS

2.1 Classification of the substance or mixture

WHMIS

- Not Classified - Classification criteria not met

2.2 Label elements

WHMIS

- No label element(s) required

2.3 Other hazards

WHMIS

- In Canada, the product mentioned above is not considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).
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See Section 12 for Ecological Information.

Section 3 - Composition/Information on Ingredients

3.1 Substances

- Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008.

3.2 Mixtures

Hazardous Components					
Chemical Name	Identifiers	%(weight)	LD50/LC50	Classifications According to Regulation/Directive	Comments
Sodium hydroxide	CAS:1310-73-2 EC Number:215-185-5 UN:UN1823, UN1824	0.384% TO 0.4%	NDA	EU DSD/DPD: Annex I - C; R35 EU CLP: Annex VI - Skin Corr. 1A; H314 OSHA HCS 2012: Skin Corr 1B, Eye Dam 1	NDA
Modified Acrylic polymer	NDA	0.5%	NDA	EU DSD/DPD: Self Classified - Xi, R37 EU CLP: Self Classified - STOT SE 3: Resp. Irrit. OSHA HCS 2012: Eye Irrit. 2B; STOT SE 3: Resp. Irrit.	NDA
Polyethylene glycol mono(octylphenyl) ether	CAS:9036-19-5 EC Number:	0.3783%	Ingestion/Oral-Rat LD50 • 4190 mg/kg	EU DSD/DPD: Self Classified - Xi; R41 EU CLP: Self Classified - Eye Dam 1, H318 OSHA HCS 2012: Eye Dam 1	NDA
Antimicrobial Agent	NDA	0.21%	NDA	EU DSD/DPD: Self Classified - Xi, R36/37/38, Xn R22 EU CLP: Self Classified - Eye Irrit. 2; H319 Skin Irrit. 2; H315; STOT SE 3: Resp. Irrit., H335; Acute Tox 4 (oral) OSHA HCS 2012: Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3: Resp. Irrit.; Acute Tox 4 (oral)	NDA
Polyethylene glycol	CAS:25322-68-3	< 0.0117%	Ingestion/Oral-Rat LD50 • >4 g/kg Skin-Rabbit LD50 • >20 mL/kg	EU DSD/DPD: Self Classified - Xi R36/37/38 EU CLP: Self Classified - Eye Irrit 2, H319; SKin Irrit 2, H315; STOT SE 3, H335 OSHA HCS 2012: Eye Irrit 2, Skin Irrit. 2; STOT SE 3: Resp. Irrit	NDA
1-Propanol, 2-amino-2-methyl-	CAS:124-68-5 EC Number:204-709-8	<= 0.0021%	Ingestion/Oral-Rat LD50 • 2900 mg/kg	EU DSD/DPD: Annex I - Xi; R36/38 R52 R53 EU CLP: Annex VI - Eye Irrit. 2; H319 Skin Irrit. 2; H315 Aquatic Chronic 3 H412 OSHA HCS 2012: Acute Tox 4 (orl)	NDA

See Section 11 for Toxicological Information.

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation

- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, get medical attention.

Skin

- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, get medical attention.

Eye

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If signs/symptoms develop, get medical attention.

Ingestion

- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician

- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

See Section 2 for Potential Health Effects.

Section 5 - Firefighting Measures

5.1 Extinguishing media

- Suitable Extinguishing Media** ● Material is non-combustible. In case of fire use media as appropriate for surrounding fire.
- Unsuitable Extinguishing Media** ● No data available.

5.2 Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards** ● Material is non-combustible and is not expected to pose a fire or explosion hazard.
- Hazardous Combustion Products** ● Hydrocarbons, Carbon Oxides.

5.3 Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection. Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal Precautions** ● Do not touch or walk through spilled material. Spilled material may be slippery. Prompt clean up of any spill is necessary to help ensure safety of work area.
- Emergency Procedures** ● No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended.

6.2 Environmental precautions

- Runoff from fire control may cause pollution.

6.3 Methods and material for containment and cleaning up

- Containment/Clean-up Measures** ● For larger spills absorb with earth, sand or other non-combustible material. Sweep up or shovel absorbed material into an appropriate container for later disposal. Wash spill area with soap and water.
Wipe small spills up with a paper towel and discard then rinse area with water.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

- Handling** ● Use good safety and industrial hygiene practices. Avoid contact with skin and eyes. Use only with adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

- Storage** ● Keep container closed when not in use. Store in a cool, dry place. Do not allow product to freeze.
- Incompatible Materials or Ignition Sources** ● Strong oxidizers and chemicals such as alkali metals that are incompatible with water-based solutions.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines					
	Result	ACGIH	Canada Ontario	Canada Quebec	OSHA
Sodium hydroxide (1310-73-2)	Ceilings	2 mg/m3 Ceiling	2 mg/m3 Ceiling	2 mg/m3 Ceiling	Not established
	TWAs	Not established	Not established	Not established	2 mg/m3 TWA

Exposure Limits Supplemental

ACGIH

- Sodium hydroxide (1310-73-2): TLV Basis - Critical Effects: (eye, skin and upper respiratory tract irritation)

8.2 Exposure controls

Engineering

Measures/Controls

- Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

Personal Protective Equipment

Respiratory

- No respiratory protection is required under normal conditions and use. In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/Face

- Wear safety goggles.

Hands

- Wear appropriate gloves.

Skin/Body

- No skin protection is ordinarily required under normal conditions of use.

General Industrial Hygiene Considerations

- Do not get in eyes or on skin or clothing. Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls

- Follow best practice for site management and disposal of waste.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

OSHA = Occupational Safety and Health Administration

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Slippery blue liquid with little or no odor.
Color	Blue	Odor	little to none.
Odor Threshold	Data lacking		
General Properties			
Boiling Point	212 F(100 C)	Melting Point	Data lacking
Decomposition Temperature	Data lacking	pH	7 to 9
Specific Gravity/Relative Density	1.01 Water=1	Water Solubility	Data lacking
Viscosity	Data lacking	Explosive Properties	Data lacking
Oxidizing Properties:	Data lacking		
Volatility			
Vapor Pressure	18 mmHg (torr) @ 68 F(20 C)	Vapor Density	< 1 Air=1
Evaporation Rate	< 1 n-Butyl Acetate = 1		

Flammability

Flash Point	Data lacking	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Data lacking		

Environmental

Octanol/Water Partition coefficient	Data lacking		
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9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity**10.1 Reactivity**

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Extreme temperatures. Incompatible materials.

10.5 Incompatible materials

- Strong oxidizers and chemicals such as alkali metals that are incompatible with water-based solutions.

10.6 Hazardous decomposition products

- Hydrocarbons, Carbon Oxides from dried solids.

Section 11 - Toxicological Information**11.1 Information on toxicological effects**

Component Name	CAS	Data
Sodium hydroxide (0.384% TO 0.4%)	1310-73-2	Acute Toxicity: skn-rbt TCLo:25 pph; Irritation: eye-rbt 50 ug/24H SEV; skn-rbt 500 mg/24H SEV
Polyethylene glycol mono(octylphenyl) ether (0.3783%)	9036-19-5	Acute Toxicity: orl-rat LD50:4190 mg/kg; Irritation: eye-rbt 1% SEV
Polyethylene glycol (< 0.0117%)	25322-68-3	Acute Toxicity: orl-rat LD50:28 gm/kg; skn-rbt LD50:>20 gm/kg; Irritation: eye-rbt 500 mg MLD; skn-rbt 500 mg open MLD
1-Propanol, 2-amino-2-methyl- (<= 0.0021%)	124-68-5	Acute Toxicity: orl-rat LD50:2900 mg/kg

GHS Properties	Classification
Acute toxicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Aspiration Hazard	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met

Germ Cell Mutagenicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Skin corrosion/Irritation	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Skin sensitization	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
STOT-RE	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
STOT-SE	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met

Potential Health Effects

Inhalation

- Acute (Immediate) ● Under normal conditions of use, no health effects are expected.
- Chronic (Delayed) ● No data available.

Skin

- Acute (Immediate) ● Under normal conditions of use, no health effects are expected.
- Chronic (Delayed) ● No data available.

Eye

- Acute (Immediate) ● Under normal conditions of use, no health effects are expected.
- Chronic (Delayed) ● No data available.

Ingestion

- Acute (Immediate) ● Under normal conditions of use, no health effects are expected.
- Chronic (Delayed) ● No data available.

Key to abbreviations

LD = Lethal Dose

MLD = Mild

SEV = Severe

TC = Toxic Concentration

Section 12 - Ecological Information

12.1 Toxicity

- No information available for this product.

12.2 Persistence and degradability

- Cross linked polymers in this product are not biodegradable.

12.3 Bioaccumulative potential

- Material data lacking.

12.4 Mobility in Soil

- Material data lacking.

12.5 Results of PBT and vPvB assessment

- PBT and vPvB assessment has not been carried out.

12.6 Other adverse effects

- No studies have been found.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA
TDG	NDA	Not Regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not Regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not Regulated	NDA	NDA	NDA

14.6 Special precautions for user

- None known.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- Not relevant.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • None

State Right To Know				
Component	CAS	MA	NJ	PA
Water	7732-18-5	No	No	No
Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)				

benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfofenyl)-, hydroxide, inner salt, disodium salt	3844-45-9	Yes	No	No
Sodium hydroxide	1310-73-2	Yes	Yes	Yes
Modified Acrylic polymer	NDA	No	No	No
Polyethylene glycol mono(octylphenyl) ether	9036-19-5	No	No	No
Antimicrobial Agent	NDA	No	No	No
Oxazolidine, 4,4-dimethyl-	51200-87-4	No	No	No
Polyethylene glycol	25322-68-3	No	No	No
Oxazolidine, 3,4,4-trimethyl-	75673-43-7	No	No	No
1-Propanol, 2-amino-2-methyl-	124-68-5	Yes	Yes	Yes
Formaldehyde Amine Resin	56652-26-7	No	No	No

Inventory					
Component	CAS	Canada DSL	Canada NDSL	EU EINECS	TSCA
Water	7732-18-5	Yes	No	Yes	Yes
Ammonium, ethyl(4-(p-(ethyl(m-sulfofenyl)amino)-alpha-(o-sulfofenyl) benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfofenyl)-, hydroxide, inner salt, disodium salt	3844-45-9	Yes	No	Yes	Yes
Sodium hydroxide	1310-73-2	Yes	No	Yes	Yes
Modified Acrylic polymer	NDA	No	No	No	No
Polyethylene glycol mono(octylphenyl) ether	9036-19-5	Yes	No	No	Yes
Antimicrobial Agent	NDA	No	No	No	No
Oxazolidine, 4,4-dimethyl-	51200-87-4	Yes	No	Yes	Yes
Polyethylene glycol	25322-68-3	Yes	No	No	Yes
Oxazolidine, 3,4,4-trimethyl-	75673-43-7	Yes	No	No	No
1-Propanol, 2-amino-2-methyl-	124-68-5	Yes	No	Yes	Yes

Formaldehyde Amine Resin	56652-26-7	No	No	No	No
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Canada

Labor

Canada - WHMIS - Classifications of Substances

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	E
• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed
• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	E (including 0.04% in aqueous solution, 0.08%, 0.4% in aqueous solution, 2%, 2.5%, 4% in aqueous solution, 5%, 10%, 16%, 20%, 40%, 50% in aqueous solution, 8.7N)
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed
• Water	7732-18-5	97.99%	Uncontrolled product according to WHMIS classification criteria
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	D2B
• Formaldehyde Amine Resin	56652-26-7	na	Not Listed

Canada - WHMIS - Ingredient Disclosure List

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	Not Listed
• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed
• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	1 %
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed
• Water	7732-18-5	97.99%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	1 %
• Formaldehyde Amine Resin	56652-26-7	na	Not Listed

Europe

Other

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	Xi; R36/38 R52-53
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• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed
• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	C; R35
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed
• Water	7732-18-5	97.99%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	na	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	10%<=C: Xi; R36/38
• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed
• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	5%<=C: C; R35 2%<=C<5%: C; R34 0.5%<=C<2%: Xi; R36/38
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed
• Water	7732-18-5	97.99%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	na	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	Xi R:36/38-52/53 S:(2)-61
• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed
• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	C R:35 S:(1/2)- 26-37/39-45
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed
• Water	7732-18-5	97.99%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	na	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	S:(2)-61
• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed
• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	S:(1/2)-26- 37/39-45
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed

• Water	7732-18-5	97.99%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	na	Not Listed

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	Not Listed
• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed
• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed
• Water	7732-18-5	97.99%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	na	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	Not Listed
• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed
• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed
• Water	7732-18-5	97.99%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	na	Not Listed

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	Not Listed
• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed
• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed
• Water	7732-18-5	97.99%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	na	Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	Not Listed
• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed
• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	1000 lb final RQ; 454 kg final RQ
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed
• Water	7732-18-5	97.99%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	na	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	Not Listed
• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed
• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed
• Water	7732-18-5	97.99%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	na	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	Not Listed
• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed
• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed
• Water	7732-18-5	97.99%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	na	Not Listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	Not Listed
• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed
• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed
• Water	7732-18-5	97.99%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	na	Not Listed

United States - California**Environment****U.S. - California - Proposition 65 - Carcinogens List**

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	Not Listed
• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed

• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed
• Water	7732-18-5	97.99%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	na	Not Listed

U.S. - California - Proposition 65 - Developmental Toxicity

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	Not Listed
• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed
• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed
• Water	7732-18-5	97.99%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	na	Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	Not Listed
• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed
• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed
• Water	7732-18-5	97.99%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	Not Listed

• Formaldehyde Amine Resin	56652-26-7	na	Not Listed
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U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	Not Listed
• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed
• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed
• Water	7732-18-5	97.99%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	na	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	Not Listed
• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed
• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed
• Water	7732-18-5	97.99%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	na	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	Not Listed
• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed

• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed
• Water	7732-18-5	97.99%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	na	Not Listed

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	Not Listed
• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed
• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed
• Water	7732-18-5	97.99%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	na	Not Listed

U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	Not Listed
• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed
• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	Not Listed
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed

• Water	7732-18-5	97.99%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	na	Not Listed

United States - Rhode Island

Labor

U.S. - Rhode Island - Hazardous Substance List

• 1-Propanol, 2-amino-2-methyl-	124-68-5	<= 0.0021%	Not Listed
• Polyethylene glycol	25322-68-3	< 0.0117%	Not Listed
• Ammonium, ethyl(4-(p-(ethyl(m-sulfobenzyl)amino)-alpha-(o-sulfophenyl)benzylidene)-2,5-cyclohexadien-1-ylidene)(m-sulfobenzyl)-, hydroxide, inner salt, disodium salt	3844-45-9	0.01%	Not Listed
• Sodium hydroxide	1310-73-2	0.384% TO 0.4%	Toxic; Flammable
• Oxazolidine, 4,4-dimethyl-	51200-87-4	0.1638%	Not Listed
• Oxazolidine, 3,4,4-trimethyl-	75673-43-7	0.0105%	Not Listed
• Water	7732-18-5	97.99%	Not Listed
• Polyethylene glycol mono(octylphenyl) ether	9036-19-5	0.3783%	Not Listed
• Formaldehyde Amine Resin	56652-26-7	na	Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Last Revision Date	• 11/April/2013
Preparation Date	• 11/April/2013
Disclaimer/Statement of Liability	• The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.

Key to abbreviations

NDA = No data available.