

Keep container closed.

Precautionary Statements – Response

Immediately call A POISON CENTER or doctor/physician

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so.

Continue rinsing immediately call a POISON CONTROL or doctor/physician

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Immediately call a POISON CENTER or doctor/physician

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician, Rinse mouth, **Do not induce vomiting!**

Precautionary Statements – Storage

Store locked up

Store in a well-ventilated place. Keep container tightly closed

May evolve oxides of carbon (Cox) under fire conditions

Precautionary Statements –Disposal

Disposed of contents/container to an approved waste disposal plant

3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>%</u>
Methanol	67-56-1	<1.60
Ethoxylated 4-nonylphenol	26027-38-3	<0.68
Ethoxylated Nonylphenol	9016-45-9	>0.50
2-Butoxyethanol	111-76-2	>2.00
Tetrasodium Ethylenediamine tetraacetate	64-02-8	<1.00

4. First aid measures

Eye contact: Can cause moderate to severe irritation. Do NOT allow victim to rub or keep eyes closed. Check for and remove any contact lenses if easy to do so. Immediately flush eyes with running water for at least 30 minutes, keeping eyelids apart. Use cool running water. Do not use an eye ointment.

Skin contact: Can cause moderate irritation. Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. For a large splash, flood body under a shower. Discard contaminated clothing in a manner which limits further exposure. Destroy contaminated shoes. If symptoms develop, seek medical attention.

Inhalation: Get medical aid immediately. Remove from exposure to fresh air immediately. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and suitable mechanical device such as a bag and a mask

Ingestion: Induce vomiting if victim is conscious and give water to drink. Never give anything by mouth to an unconscious person. Get medical aid immediately.

**Protection of first-aiders;
Note to physician**

Persons with pre-existing skin disorders or impaired respiratory or pulmonary function may be at increased risk to the effects of this substance. Treat symptomatically and supportively.

5. Fire-fighting measures

Flash point: Closed Cup:>212⁰F (98.9⁰C) None to boil (Pensdky-Martens) ASTM #D-93
Open Cup: >212⁰F (98.9⁰) None to boil (Cleveland) ASTM #D-92

Flammability of the product: This product is non-flammable. This material may decompose and produce toxic and/or irritating fumes under fire conditions.

Extinguishing media:

Suitable: Use appropriate fire extinguisher for surrounding environment.

Special protective equipment for fire-fighters: Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool. Self-containing breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.

Flammability of the product: This product is non-flammable. This material may decompose and produce toxic and/or irritating fumes under fire conditions.

6. Accidental release measures

Personal precautions: Avoid eye contact. Determine whether to evacuate or isolate the area according to your local emergency plan. Caution, spill site may be slippery. Increase ventilation. Evacuate all unprotected personnel. Use full protective clothing and equipment to minimize exposure.

Environmental precautions: Prevent run off into drains and waterways. If a large quantity of this material enters the environment, contact the relevant regulatory authorities. Dispose of waste according to Federal, E.P.A., State and Local regulations.

Methods and Materials for Containment and Clean Up: Observe all personal protective equipment recommendations described in this SDS. Contain spill. If leaked material can be pumped, store recovered material in appropriate containers. Clean up remaining materials from spill with suitable absorbent. Dispose of saturated absorbent material or cleaning materials appropriately. Laws and regulations may apply to releases and disposal of this material. You will need to determine which laws and regulations are applicable.

Personal precautions: Avoid eye contact. Determine whether to evacuate or isolate the area according to your local emergency plan. Caution, spill site may be slippery. Increase ventilation. Evacuate all unprotected personnel. Use full protective clothing and equipment to minimize exposure.

Environmental precautions: Prevent run off into drains and waterways. If a large quantity of this material enters the environment, contact the relevant regulatory authorities. Dispose of waste according to Federal, E.P.A., State and Local regulations.

7. Handling and storage

Precautions for Safe Handling: Use a well ventilated area. Avoid breathing in mists or vapor. Avoid skin and eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking, smoking or using toilet facilities.

Storage Store in a cool, dry well ventilated area, away from heat and out of direct sunlight. Keep away from oxidizing agents, strong acids and foodstuff containers.

8. Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

Engineering Controls Apply technical measures to comply with the occupational exposure limits. Local exhaust ventilation recommended. Eye wash stations. Showers.

Individual-protection measures, such as personal protective equipment

Eye/Face Protection	No special equipment is usually needed when occasionally handling small quantities. For bulk handling wear suitable protective glasses or goggles.
Skin and Body Protection	The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. When handling bulk quantities, wear gloves of impervious material.

Respiratory Protection	Domestic quantities require no special equipment with normal careful use. When handling bulk quantities, avoid breathing mist or vapors. When ventilation is inadequate and mists or vapors are generated, respiratory protective equipment should be used suitable for protecting against airborne contaminants.
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Human Exposure Characterization:

Based on our recommended product application and personal protection equipment, the potential human exposure is:
Low

9. Physical and chemical properties

Physical state	Liquid
Color	Purple
Odor	Pleasant
Specific Gravity	0.96-1 @ 60 ⁰ F/ 15.6 ⁰ C
Density	8-8.3 Lb/Gal
Solubility in Water	Complete
pH (100%)	10.00
Viscosity	4.0 cst @ 60 ⁰ F/ 15.6 ⁰ C
Pour Point	<-35 ⁰ F / <-37 ⁰ C
Vapor Pressure	>110 mm Gm @ 100 ⁰ F / 38 ⁰ C
Flash Point	212 ⁰ F

10. Stability reactivity

Stability	Stable
Hazardous polymerization	Will not occur
Conditions to avoid	Do not mix with other ingredients except water
Materials to avoid	Strong Acids, Strong Oxidizing Agents
Hazardous decomposition Products:	None

11. Toxicological information

No toxicity studies have been conducted on this product.

CARCINOGENICITY:

None of the substances in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the national Toxicology Program (NTP) or the American Conference of Governmental Industrial Hygienists (ACGIH).

HUMAN HAZARD CHARACTERIZATION:

Based on our hazard characterization, the potential human hazard is: High

12. Ecological information

ECOTOXICOLOGICAL EFFECTS:

No Toxicity studies have been conducted on this product.

ENVIRONMENTAL HAZARD AND EXPOSURE CHARACTERIZATION

Based on our hazard characterization, the potential environmental hazard is: Moderate

Based on our recommended product application and the product's characteristics, the potential environmental exposure is:
Low

If released into the environment, see CERCLA/SUPERFUND in Section 15.

13. Disposal considerations

Waste disposal:

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14. Transport information

DOT (U.S.) Not Regulated

15. Regulatory information

This section contains additional information that may have relevance to regulatory compliance. The information in this section is for reference only. It is not exhaustive, and should not be relied upon to take the place of an individualized compliance or hazard assessment. Company accepts no liability for the use of this information.

NATIONAL REGULATIONS, USA:

OSHA HAZARD COMMUNICATION RULE, 29 CFR 1910.1200:

Based on our hazard evaluation, the following substance(s) in this product is/are hazardous and the reason(s) is/are shown below.

Ethoxylated 4-Nonylphenol: Eye irritant

CERCLA/SUPERFUND, 40 CFR 117, 302:

This product contains the following Reportable Quantity (RQ) Substance. Also listed is the RQ for the product. If a reportable quantity of product is released, it requires notification to the NATIONAL RESPONSE CENTER, WASHINGTON, D.C. (1-800-424-8802).

<u>RQ Substances</u>	<u>RQ</u>
Methanol	16,600 lbs.

SARA/SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (TITLE III) – SECTIONS 302, 311, 312, AND 313:

SECTION 302 – EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355):

This product does not contain substances listed in Appendix A and B as an Extremely Hazardous Substance.

SECTIONS 311 AND 312 – MATERIAL SAFETY DATA SHEET REQUIREMENTS (40 CFR 370):

Our hazard evaluation has found this product to be hazardous. The product should be reported under the following indicated EPA hazard categories:

- X Immediate (Acute) Health Hazard
- Delayed (Chronic) Health Hazard
- X Fire Hazard
- Sudden Release of Pressure Hazard
- Reactive Hazard

Under SARA 311 and 312, the EOPA has established threshold quantities for the reporting of hazardous chemicals, The current thresholds are: 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

SECTION 313 – LIST OF TOXIC CHEMICALS (40 CFR 372):

This product contains the following substance(s), (with CAS# and % range) which appear(s) on the List of Toxic Chemicals.

<u>Hazardous Substance(s)</u>	<u>CAS NO</u>	<u>% (w/w)</u>
Methanol	67-56-1	1.60%

TOXIC SUBSTANCES CONTROL ACT (TSCA):

This substances in this preparation are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710)

FEDERAL WATER POLLUTION CONTROL ACT, CLEAN WATER ACT, 40 CFR 401.15 / formerly Sec. 307, 40 CFR 116.4 / formerly Sec. 311:

Substances listed under this regulation are not intentionally added or expected to be present in this product. Listed components may be present at trace levels.

CLEAN AIR ACT, Sec. 112 (40 CFR 61, Hazardous Air Pollutants), Sec 602 (40 CFR 82, Class 1=and 11 Ozone Depleting Substances):

This product contains the following substances listed in the regulation. Additional components may be unintentionally present at trace levels.

Substances	Citations
• Methanol	Sec. 111

CALIFORNIA PROPOSITION 65:

Substances listed under California Proposition 65 are not intentionally added or expected to be present in this product.

STATE RIGHT TO KNOW LAWS:

The following substances are disclosed for compliance with State right to Know Laws:

Ethoxylated 4-Nonylphenol	26027-38-3
Oxyalkylated Fatty Acid	Proprietary
Methanol	67-56-1

16. Other information

<u>HMIS</u>	<u>Health Hazards</u>	<u>Flammability</u>	<u>Reactivity</u>	<u>Personal Protection</u>
	1	0	0	B

This information provides assistance for your own risk management practices. We have evaluated our product's risk as follows:

- The human risk is: Low
- The environmental risk is: Low

Person(s) handling this product should be informed of the recommended safety precautions and should have access this information. Exposures should be evaluated so that appropriate handling practices and training programs can be established to insure safe workplace operations.

Disclaimer

The information provided in the 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 a guidance for safe handling, use, processing, storage, transportation, disposal and release and in 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.

End of Safety Data Sheet