

Defoamer (Flow Controller) SDS

XYLEXIN
ECO-DURABLE COATINGS

988 S 490 W E6, PLEASANT GROVE, UT 84062
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Section 1. Identification

GHS product identifier: Defoamer
Product number: Defoamer KS1
Product use: Surface Coating by spray, rolling or brush
Restrictions on use: None known
Manufacture/Supplier: Kevron Services
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Section 2. Hazards identification

OSHA/HCS status: This material is considered hazardous by the OSHA Hazardous Communication Standard (29 CFR 1910.1200).

Physical hazards: Flammable Liquids: Category 3

GHS label elements

Hazard pictograms:



Signal word: Warning

Hazard statement: Flammable liquid and vapor.

Precautionary statements

Prevention: Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion proof electrical, ventilating, lighting and all material-handling equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep container tightly closed.

Response: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

Storage: Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental label Elements: Avoid contact with skin and clothing. Wash thoroughly after handling. Emits toxic fumes when heated.

Hazard(s) not otherwise classified (HNOC): May form explosive peroxides. Hazardous reactions or instability may occur under certain conditions of storage or use. Prolonged or repeated contact may dry skin and cause irritation.

Section 3. Composition / Information on Ingredients

Components	CAS #	Percent
ethyl 3-ethoxypropionate	763-69-9	≥75 - <90

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SUB codes represent substances without registered CAS Numbers. Batch variation may occur.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

See Section 8 for Occupational exposure limits, if available.

Section 4. First aid measures

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately and have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

Eye Contact: Remove contact lenses, irrigate thoroughly with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

Skin Contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

Inhalation: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

Ingestion:
If swallowed, seek medical advice immediately and show this container or label. Keep the person warm and at rest. Do NOT induce vomiting.

Most important symptoms / effects, acute and delayed Potential acute health effects

Eye contact: No known significant effects or critical hazards.

Skin contact: Defatting to the skin. May cause skin dryness and irritation.

Inhalation: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact: No specific data.

Skin contact: Adverse symptoms may include the following:
Irritation; Dryness, Cracking.

Inhalation: No specific data.

Ingestion: No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Treat symptomatically and supportively.

Specific treatments: No specific treatment.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Toxicology Information is in Section 11.

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Section 5. Fire-fighting measures

- Suitable extinguishing media:** Use dry chemical, carbon dioxide, water spray (fog) or foam.
Unsuitable extinguishing media: Do not use water jet.
- Special hazards arising from the substance or mixture:** Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.
- Hazardous thermal decomposition products:** Decomposition products may include the following materials: carbon dioxide, carbon monoxide.
- Special protective actions for fire-fighters:** Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.
- Special protective actions for fire-fighters:** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Special protective equipment for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel:** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders:** If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and material for containment and cleaning up

- Small Spills:** Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large Spills:** Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent

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material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective Measures: Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

Special Precautions: Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Vapors are heavier than air and may spread along floors. May form explosive peroxides. Keep away from combustible materials. Avoid shock and friction. Avoid all possible sources of ignition (spark or flame). If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.

Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities: Do not store above the following temperature: 35°C (95°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls / personal protection

Components	Type	Value
ethyl 3-ethoxypropionate	TWA	50 ppm
	STEL	100ppm

Recommended Monitoring Procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards.

Appropriate engineering controls: Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Individual protection measures

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection: Safety glasses equipped with side shields .

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Skin protection

- Hand protection:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear antistatic protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
- Other skin protection:** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection:** Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

Section 9. Physical & Chemical Properties

- Material Supports combustion:** Yes
- Auto Ignition Temperature:** Not Available
- Decomposition Temperature:** Not Available
- Flammability (Solid, gas):** Not Available
- Lower and upper explosive flammable limits:** Lower, 1.05%
Upper, 9.63%
- Evaporation Rate:** 0.12 (butyl acetate = 1)
- Vapor Pressure:** 0.2 kPa (1.5 mm Hg) [room temperature]
- Vapor Density:** Not Available
- Relative Density:** 0.95
- Density, Lbs/Gal:** 7.93
- Solubility:** Insoluble in the following materials: cold water.
- Partition coefficient:** Not Available
- noctanol/water**
- Viscosity:** Kinematic (40°C (104°F)): >0.21 cm²/s (>21 cSt)
- Volatility:** 90% (v/v), 89.97% (w/w)
- % Solid (w/w):** 10.03

Section 10. Chemical stability & reactivity information

- Reactivity:** No specific test data related to reactivity available for this product or its ingredients.
- Chemical Stability:** This product is stable.
- Possibility of hazardous reactions:** Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid:** When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.
- Incompatible materials:** Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.

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Hazardous decomposition products: Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

Section 11. Toxicological information

Information on toxicological effects

Acute Toxicity

PRODUCT INGREDIENT NAME	RESULT	SPECIES	DOSE	EXPOSURE
ethyl 3-ethoxypropionate	LD50 Dermal	Rabbit	10 g/kg	-
	LD50 Oral	Rat	3200 mg/kg	-

Conclusion/Summary : There are no data available on the mixture itself.

Irritation/Corrosion

Conclusion/Summary

Skin : There are no data available on the mixture itself.

Eyes : There are no data available on the mixture itself.

Respiratory : There are no data available on the mixture itself.

Sensitization

Conclusion/Summary

Skin : There are no data available on the mixture itself.

Respiratory : There are no data available on the mixture itself.

Mutagenicity

Conclusion Summary: There are no data available on the mixture itself.

Carcinogenicity

Conclusion/Summary : There are no data available on the mixture itself.

Mutagenicity

Conclusion/Summary : There are no data available on the mixture itself.

Teratogenicity

Conclusion/Summary : There are no data available on the mixture itself.

Reproductive toxicity

Conclusion/Summary : There are no data available on the mixture itself.

Specific target organ toxicity

(single exposure) Not Available

Specific target organ toxicity

(repeated exposure) Not Available

Target Organs

Contains material which may cause damage to the following organs: central nervous system (CNS).

Aspiration hazard

Not Available

Information on the likely routes of exposure

Potential acute health effects

Eye contact: No known significant effects or critical hazards.

Inhalation: No known significant effects or critical hazards.

Skin Contact: Defatting to the skin. May cause skin dryness and irritation.

Ingestions: No known significant effects or critical hazards.

Over-exposure signs, symptoms, Eye contact

Eye contact: No specific data.

Inhalation: No specific data.

Skin contact: Adverse symptoms may include the following: irritation, drying, cracking.

Ingestion: No specific data.

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Section 11. Toxicological information

Delayed and immediate effects and also chronic effects from short and long term exposure

Conclusion/Summary: There are no data available on the mixture itself. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Short term exposure

Potential immediate effects: There are no data available on the mixture itself.

Potential delayed effects: There are no data available on the mixture itself.

Long term exposure

Potential immediate effects: There are no data available on the mixture itself.

Potential delayed effects: There are no data available on the mixture itself.

Potential chronic health effects

General: Prolonged or repeated contact can defat the skin and lead to irritation, cracking and /or dermatitis.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.

Fertility effects: No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

ROUTE	ATE VALUE
Oral	3568.9 mg/kg

Section 12. Ecological information

Toxicity Not Available

Persistence and degradability Not Available

Bioaccumulative potential Not Available

Mobility in soil Not Available

Section 13. Disposal considerations

Disposal methods: The generation of waste should be avoided or minimized wherever possible. 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. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

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Section 14. Transport information

	DOT	IMDG	IATA
UN Number:	1263	1263	1263
UN Proper Shipping Name:	PAINT	PAINT	PAINT
Transport Hazard Class(es):	3	3	3
Packing Group:	III	III	III
Environmental Hazards:	No	No	No
Marine Pollutants:	Not Applicable	Not Applicable	Not Applicable

ADDITIONAL INFORMATION

DOT: This product may be re-classified as "Combustible Liquid," unless transported by vessel or aircraft. Non-bulk packages (less than or equal to 119 gal) of combustible liquids are not regulated as hazardous materials.

IMDG: None identified.

IATA: None identified.

Special Precautions For: **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory information

<u>United States</u> United States inventory (TSCA 8b) : All components are listed or exempted. US Federal Regulations Sara 302/304 Sara 304 RQ: Not Applicable. <u>Composition/information on ingredients</u> Sara 311/312 No products were found. Classification: Fire Hazard, Immediate (acute) health hazard					
Composition / information on ingredients					
NAME	FIRE HAZARD	SUDDEN RELEASE OF PRESSURE	REACTIVE	IMMEDIATE (ACUTE) HEALTH HAZARD	DELAYED (CHRONIC) HEALTH HAZARD
ethyl 3-ethoxypropionate	YES	NO	NO	YES	NO

Section 16. Other Information

Hazardous Material Information System (U.S.A.) – HMIS Ratings

Health: 2 Flammability: 2 Physical hazards: 1

National Fire Protection Association (U.S.A.) – NFPA Ratings

Health: 2 Flammability: 2 Instability: 1

Disclaimer:

The information on this SDS was obtained from sources which we believe to be reliable. However, the information provided is without warranty, expressed or implied, regarding its correctness. Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information and recommendations are offered for the user's consideration and examination and should be used to make independent determination of the methods to safeguard workers and the environment. The conditions or methods of handling storage, use and disposal of the product are beyond our control and may be beyond our control and may be beyond our knowledge. For these reasons we do not assume responsibility and expressly disclaim any liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use or disposal of this product. It is the responsibility of the user to comply with all Federal, State and Local laws and regulations.

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