

SAFETY DATA SHEET

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

UNIFORMITY 2X2.5 GALLON

Product identifier:**Product name:** UNIFORMITY 2X2.5 GALLON**Relevant identified uses of the substance or mixture and uses advised against:****Identified uses:** Chemical Intermediate**Uses advised against:** None**Details of the supplier of the safety data sheet:****Company Identification:**Milliken Europe B.V.B.A.
Ham 18-24
Ghent, 9000 BE
00 32 9 265 1104 (9:00 - 17:00 M-F)
sds@milliken.com**Emergency telephone number:**Chemtrec:
1-800-424-9300 (Chemtrec - US)
1-703-527-3887 (International)

SECTION 2: Hazards identification

Classification of the substance or mixture:

The product has been classified according to the legislation in force.

Classification according to Regulation (EC) No 1272/2008 as amended:**Hazard summary:**

Physical hazards:	No data available.
Health hazards:	
Inhalation:	No adverse effects due to inhalation are expected.
Eye contact:	May cause temporary eye irritation.
Skin contact:	May cause skin irritation.
Ingestion:	No information about adverse effects due to exposure.
Other Health Effects:	No data available.
Environmental hazards:	No data available.

Label elements:**Hazard Statement(s):** H401: Toxic to aquatic life.**Precautionary statement:****Prevention:** P273: Avoid release to the environment.

Disposal: P501: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Other hazards: No data available.

SECTION 3: Composition/information on ingredients

Mixtures

General information:

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	Notes
Alcohols, C12-16	4,00%	68855-56-1	272-490-6	Not available.	

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

This substance has workplace exposure limit(s).

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

Classification:

Chemical name	Classification		Notes
Alcohols, C12-16	DPD:	None	
	CLP:	Aquatic Acute 1;H400	

DPD: Directive 67/548/EEC.

CLP: Regulation No. 1272/2008.

The full text for all R-phrases is displayed in section 16.

SECTION 4: First aid measures

Description of first aid measures:

Inhalation: Under normal conditions of intended use, this material is not expected to be an inhalation hazard. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Get medical attention if any discomfort continues.

Eye contact: Flush thoroughly with water. If irritation occurs, get medical assistance.

Skin contact: Wash skin thoroughly with soap and water for several minutes. Immediately remove contaminated clothing. Get medical attention if any discomfort continues.

Ingestion: Give one or two glasses of water if patient is alert and able to swallow. Seek immediate medical attention. Do not induce vomiting.

Most important symptoms and effects, both acute and delayed: No data available.

Indication of any immediate medical attention and special treatment needed:

Hazards: No data available.

Treatment: No data available.

SECTION 5: Firefighting measures

General fire hazards: No data available.

Extinguishing media:	
Suitable extinguishing media:	Use water fog, alcohol-resistant foam, dry chemical or carbon dioxide (CO ₂) to extinguish flames.
Unsuitable extinguishing media:	No data available.
Special hazards arising from the substance or mixture:	No data available.
Advice for firefighters:	
Special fire fighting procedures:	No unusual fire or explosion hazards noted.
Special protective equipment for fire-fighters:	Use standard firefighting procedures and consider the hazards of other involved materials. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Wear appropriate personal protective equipment.
Environmental precautions:	Do not release into the environment.
Methods and material for containment and cleaning up:	Do not release into the environment. Dam and absorb spillages with sand, earth or other non-combustible material. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labeled container. In case of spills, beware of slippery floors and surfaces.
Reference to other sections:	No data available.
Notification Procedures:	Do not release into the environment. In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. Collect and dispose of spillage as indicated in section 13 of the MSDS.

SECTION 7: Handling and storage:

Precautions for safe handling:	No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals. Wash promptly with soap and water if skin becomes contaminated. Practice good housekeeping. Provide adequate ventilation if fumes or vapors are generated. Avoid prolonged and repeated contact.
Conditions for safe storage, including any incompatibilities:	Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures. Keep containers tightly closed.
Specific end use(s):	No data available.

SECTION 8: Exposure controls/personal protection**Control parameters****Occupational exposure limits:**

Chemical name	Type	Exposure Limit values	Source
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No data available.

Exposure controls

Appropriate engineering controls: No special requirements under ordinary conditions of use and with adequate ventilation.

Individual protection measures, such as personal protective equipment:

General information: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Eye/face protection: Wear necessary protective equipment. Avoid contact with eyes and prolonged skin contact. Chemical goggles are recommended.

Skin protection:
Hand protection: Wash hands after contact. Wash promptly with soap and water if skin becomes contaminated. For prolonged or repeated skin contact use suitable protective gloves.

Other: Wash promptly with soap and water if skin becomes contaminated. Wear protective gloves.

Respiratory Protection: No protection is ordinarily required under normal conditions of use and with adequate ventilation.

Hygiene measures: No data available.

Environmental Controls: No data available.

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties:****Appearance:**

Physical State:	Liquid
Form:	No data available.
Color:	Colorless
Odor:	Mild
Odor Threshold:	No data available.
pH:	5,0 - 7,5
Freezing point:	No data available.
Boiling Point:	No data available.
Flash Point:	227 °C (Cleveland Open Cup)
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%)-:	No data available.
Flammability Limit - Lower (%)-:	No data available.
Vapor pressure:	No data available.
Vapor density (air=1):	No data available.
Relative density:	No data available.

Solubility(ies):

Solubility in Water:	No data available.
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	No data available.
Viscosity:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

Other information

No data available.

SECTION 10: Stability and reactivity

Reactivity:	No data available.
Chemical stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	No special precautions are necessary beyond normal good hygiene practices. See Section 8 of the MSDS for additional personal protection advice when handling this product.
Incompatible materials:	No data available.
Hazardous decomposition products:	No data available.

SECTION 11: Toxicological information**Information on likely routes of exposure**

Inhalation:	No data available.
Ingestion:	No data available.
Skin contact:	No data available.
Eye contact:	No data available.

Information on toxicological effects:**Acute Toxicity:****Oral:**

Product:	No data available.
Specified substance(s): Alcohols, C12-16	No data available.

Dermal:

Product:	No data available.
Specified substance(s): Alcohols, C12-16	No data available.

Inhalation:

Product:	No data available.
Specified substance(s): Alcohols, C12-16	No data available.

Repeated dose toxicity:	
Product:	No data available.
Specified substance(s):	
Alcohols, C12-16	No data available.
Skin corrosion/irritation:	
Product:	No data available.
Specified substance(s):	
Alcohols, C12-16	No data available.
Serious eye damage/eye irritation:	
Product:	No data available.
Specified substance(s):	
Alcohols, C12-16	No data available.
Respiratory or skin sensitization:	
Product:	No data available.
Specified substance(s):	
Alcohols, C12-16	No data available.
Germ cell mutagenicity:	
In vitro:	
Product:	No data available.
Specified substance(s):	
Alcohols, C12-16	No data available.
In vivo:	
Product:	No data available.
Specified substance(s):	
Alcohols, C12-16	No data available.
Carcinogenicity:	
Product:	No data available.
Specified substance(s):	
Alcohols, C12-16	No data available.
Reproductive toxicity:	
Product:	No data available.
Specified substance(s):	
Alcohols, C12-16	No data available.
Specific target organ toxicity - single exposure:	
Product:	No data available.
Specified substance(s):	
Alcohols, C12-16	No data available.
Specific target organ toxicity - repeated exposure:	
Product:	No data available.
Specified substance(s):	
Alcohols, C12-16	No data available.
Aspiration hazard:	
Product:	No data available.
Specified substance(s):	

Alcohols, C12-16 No data available.

Other adverse effects: None

SECTION 12: Ecological information

Toxicity

Acute toxicity

Fish:

Product: No data available.

Specified substance(s):

Alcohols, C12-16 No data available.

Aquatic invertebrates:

Product: No data available.

Specified substance(s):

Alcohols, C12-16 No data available.

Chronic Toxicity:

Fish:

Product: No data available.

Specified substance(s):

Alcohols, C12-16 No data available.

Aquatic invertebrates:

Product: No data available.

Specified substance(s):

Alcohols, C12-16 No data available.

Toxicity to Aquatic Plants:

Product: No data available.

Specified substance(s):

Alcohols, C12-16 No data available.

Persistence and degradability:

Biodegradation:

Product: No data available.

Specified substance(s):

Alcohols, C12-16 No data available.

BOD/COD ratio:

Product: No data available.

Specified substance(s):

Alcohols, C12-16 No data available.

Bioaccumulative potential:

Product: No data available.

Specified substance(s):

Alcohols, C12-16 No data available.

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments:

Alcohols, C12-16 No data available.

Results of PBT and vPvB assessment: No data available.
Alcohols, C12-16 No data available.
Other adverse effects: No data available.

SECTION 13: Disposal considerations

Waste treatment methods

General information: No data available.

Disposal methods

Product: Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Contaminated packaging: Recycle empty drums at an appropriate facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal. Ensure drums are tightly sealed.

European Waste Codes: None

SECTION 14: Transport information

Land (ADR/RID)
Not regulated.

Sea (IMDG)
Not regulated.

Air (ICAO/IATA)
Not regulated.

Environmental hazards: Not regulated.

Special precautions for user: No special precautions.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

SECTION 15: Regulatory information

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

Additional information is available by request.

Chemical safety assessment: No data available.

SECTION 16: Other information

Revision Information: Revisions to Safety Data Sheet are highlighted on the document

Key literature references and sources for data: No data available.

Wording of the R-phrases and H-statements in section 2 and 3:

H400 Very toxic to aquatic life.
H401 Toxic to aquatic life.

Training information: No data available.

Issue date: 03.03.2013

SDS No.: *****

Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.