



SAFETY DATA SHEET

Global ALL-CLEAN X

Prepared according to U.S. OSHA, CMA, ANSI, Canadian WHMIS, Australian Work Safe, Japanese Industrial Standard JIS Z 7250:2000, and European Union REACH Regulations

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name GLOBAL ALL- CLEAN

Other means of identification

Product code:

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Cleaning agent.

Uses advised against Consumer use

Details of the supplier of the safety data sheet

Supplier Address

MANUFACTURER'S NAME: Global Lubrication.

ADDRESS: 7 AVENUE EUDORE PIRMEZ

1040, BRUSSELS, BELGIUM.

BUSINESS PHONE: +3223603704

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation	Category 2
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Label elements

EMERGENCY OVERVIEW

Signal word

Warning

Hazard statements

Causes serious eye irritation

A red diamond-shaped hazard symbol with a black exclamation mark in the center, indicating a hazard category.	Appearance Aqueous solution	Physical state Liquid	Odor Mild
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Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Wear eye/face protection

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

If eye irritation persists: Get medical advice/attention

Hazards not otherwise classified (HNOC)**Other information**

- Harmful to aquatic life with long lasting effects

Unknown Acute Toxicity

2.04% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Components	CAS-No	Weight %	Trade Secret
C8-C10 Ethoxylated Alcohol	68439-45-2	1-10	*
Dipropylene glycol n-butyl ether	29911-28-2	1-5	*
Tetrasodium salt of ethylenediaminetetraacetic acid tetrahydrate	64-02-8	1-5	*

4. FIRST AID MEASURES

First aid measures

Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin contact: Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.

Inhalation: Move to fresh air. If breathing is difficult, give oxygen.

Ingestion: Do not induce vomiting without medical advice.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

The product is not flammable.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire

Specific hazards arising from the chemical

In the event of fire, cool tanks with water spray.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Special protective equipment for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid contact with skin and eyes. Use personal protective equipment.

Environmental precautions

Environmental precautions: Do not flush into surface water.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Small amounts: Wipe up with absorbent material (e.g. cloth, fleece).

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Prepare the working solution as given on the label(s) and/or the user instructions. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Freezing will affect the physical condition but will not damage the material. Thaw and mix before using. Keep tightly closed in a dry and cool place

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Components	ACGIH TLV	OSHA (TWA mg/m ³):	IDLH:
Dipropylene glycol n-butyl ether - 29911-28-2	100 ppm	100 ppm	

Appropriate engineering controls

Engineering measures to reduce exposure: Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Respiratory protection: Not required; except in case of aerosol formation.

Hand protection: Nitrile rubber

Eye protection: Safety glasses

Skin and body protection: Usual safety precautions while handling the product will provide adequate protection against this potential effect

General Hygiene Considerations Avoid contact with skin, eyes and clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Liquid

Appearance Aqueous Solution **Odor** Mild

Color Clear Blue

Odor threshold No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Melting point/freezing point	<= 0 °C / 32 °F	

pH	Not applicable
Boiling point / boiling range	100 °C / 212 °F

Flash point	No information available	Cleveland Open Cup	Evaporation rate	No information available
Flammability (solid, gas)	No information available		Flammability Limit in Air	
Upper flammability limit:	No information available		Lower flammability limit:	No information available
Vapor pressure	No information available		Vapor density	No information available
Specific Gravity	> 1.0		Water solubility	Soluble in water
Solubility in other solvents	No information available		Partition coefficient	No information available
Autoignition temperature	No information available		Decomposition temperature	No information available
Kinematic viscosity	No information available		Dynamic viscosity	No information available
Explosive properties		No information available		
Oxidizing properties,		No information available		

Other information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available
Density	No information available
Bulk density	No information available

10. STABILITY AND REACTIVITY

Reactivity

Not applicable

Chemical stability

Stability Stable under normal conditions

Possibility of Hazardous Reactions

Possibility of Hazardous Reactions None under normal processing.

Hazardous polymerization Hazardous polymerization does not occur.

Conditions to avoid

Conditions to avoid No special storage conditions required

Hazardous Decomposition Products

Hazardous Decomposition Products None reasonably foreseeable

Incompatible materials

Incompatible materials Acids, Oxidizing agents

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	Product does not present an acute toxicity hazard based on known or supplied information
Eye contact	Irritating to eyes.
Skin contact	Substance may cause slight skin irritation.

Inhalation	Avoid breathing vapors or mists.		
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.		
Components	Oral LD50	Dermal LD50	Inhalation LC50
Dipropylene glycol n-butyl ether - 29911-28-2	-	-	= 42.1 ppm (Rat) 4 h
Tetrasodium salt of ethylenediaminetetraacetic acid tetrahydrate - 64-02-8	= 1658 mg/kg (Rat)	-	-

Information on toxicological effects

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No sensitization responses were observed.
Mutagenic effects:	Did not show mutagenic or teratogenic effects in animal experiments.
Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
Reproductive toxicity	This product does not contain any known or suspected reproductive hazards.
STOT - Single Exposure	None under normal use conditions.
STOT - Repeated Exposure	None under normal use conditions.
Aspiration hazard	Not applicable.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 2.04% of the mixture consists of ingredient(s) of unknown toxicity
The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral)	42005 mg/kg
ATEmix (dermal)	20057 mg/kg
ATEmix (inhalation-dust/mist)	6.2 mg/l
ATEmix (inhalation-vapor)	69.5 mg/l

12. ECOLOGICAL INFORMATION

Eco toxicity

Harmful to aquatic life with long lasting effects

2.05% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Algae/aquatic plants	Dipropylene glycol n-butyl ether - 29911-28-2-
Fish	841: 96 h Poecilia reticulata mg/L LC50 static
Crustacea	Tetrasodium salt of ethylenediaminetetraacetic acid tetrahydrate - 64-02-8-
Algae/aquatic plants	1.01: 72 h Desmodesmus subspicatus mg/L EC50
Fish	41: 96 h Lepomis macrochirus mg/L LC50 static 59.8: 96 h Pimephales promelas mg/L LC50 static
Crustacea	-

Persistence and degradability

Readily biodegradable (> 60 % after 28 days). (based on components).

Bioaccumulation

No information available.

Mobility

Soluble in water.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not reuse container.

14. TRANSPORT INFORMATION

DOT

Not Regulated by any means of transportation

15. REGULATORY INFORMATION

International Inventories

TSCA:	Listed in TSCA
DSL:	Not listed in DSL
EINECS/ELINCS	This product does not comply with EINECS/ELINCS
CHINA:	This product does not comply with China IECSC.
KECL:	This product does not comply with Korea KECL.
PICCS:	This product does not comply with Philippines PICCS.
AICS:	This product does not comply with Australia AICS

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

State Regulations (RTK)

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

Nfpa:

Health: 1

Flammability: 0

Instability 0

NFPA/HMIS * for Carc, Muta, Tera, Specific Organ *

HMIS health rating:

Health: 1

Flammability: 0

Physical hazards 0

Personal protection B

Disclaimer

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 a 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.

End of Safety Data Sheet