



Safety Data Sheet

Issue date 29-Apr-2016 Revision date 20-May-2015

Version 1

1 . Identification

Product Identifier Product name NU-GLO
CONCENTRATE

Other means of identification

SDS # RE - 12

Recommended use of the chemical and restrictions on use

Recommended use No information available.

Application No information available

Details of the Supplier of the Safety Data Sheet

Manufacturer Address

Robbie Enterprises Inc.

12708 Milwaukee Ave

Lubbock TX. 79424

Emergency Telephone Number

Company Phone Number 806-632-6505

Emergency telephone INFOTRAC 800-255-3924

2 . Hazards Identification

Classification

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label Elements

EMERGENCY OVERVIEW

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance Emulsion **Physical State** Liquid **Odor** No information available

Hazards Not Otherwise Classified (HNOC) Not

Applicable

OTHER INFORMATION

May be harmful in contact with skin.

3 . Composition/information on Ingredients

Substance

Not Applicable

Mixture

4 . First aid measures

Description of first aid measures

- Eye Contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
- Skin Contact** Wash skin with soap and water.
- INHALATION** Remove to fresh air.
- INGESTION** Clean mouth with water and drink afterwards plenty of water.

Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms No information available.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Note to physicians Treat symptomatically.

5 . Fire-fighting measures

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific Hazards Arising from the Chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective Equipment and Precautions 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 Ensure adequate ventilation, especially in confined areas.

Environmental Precautions

Environmental Precautions See Section 12 for additional Ecological Information.

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 Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

7 . Handling and Storage

Precautions for Safe Handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials None known based on information supplied. **8. Exposure Controls/Personal Protection**

Control Parameters

Ingredients with workplace parameters . exposure
NIOSH IDLH Immediately Dangerous to Life or Health

OTHER INFORMATION Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate Engineering Controls

Engineering controls Showers
 Eyewash stations

Individual protection measures, such as personal protective equipment

Eye/Face Protection No special technical protective measures are necessary.

Skin and Body Protection Wear protective gloves and protective clothing.

Respiratory Protection Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9 . Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Cherry Almond
Appearance	Emulsion		
Color	Pink		

<u>Property</u>	<u>VALUES</u>	<u>Remarks • Method</u>
pH	No information available	
Melting point / Freezing point	No information available	
Boiling point / Boiling range	101 °C / 214 °F	
Flash point	120 °C / 248 °F	
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	

Relative density	0.995
Water solubility	No information available
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

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

None known based on information supplied.

Hazardous decomposition products

None known based on information supplied.

11 . Toxicological Information

Information on Likely Routes of Exposure

Product information No data available.

INHALATION No data available.

Eye Contact No data available.

Skin Contact No data available.

INGESTION No data available.

Information on Toxicological Effects

Symptoms No information available.

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

sensitization No information available.
Germ Cell Mutagenicity No information available.
carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.
Reproductive Toxicity No information available.
STOT - Single Exposure No information available.
STOT - Repeated Exposure No information available.
Aspiration Hazard No information available.

Numerical Measures of Toxicity - Product information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 11,198.00 mg/kg
ATEmix (dermal) 4,117.00 mg/kg

12 . Ecological Information

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Crustacea
Glycerol 56-81-5	-	51 - 57: 96 h Oncorhynchus mykiss m/L LC50 static	500: 24 h Daphnia magna mg/L EC50
Dibromodicyanobutane 35691-65-7	-	1.75: 96 h Oncorhynchus mykiss mg/L LC50 4.09: 96 h Lepomis macrochirus mg/L LC50	1.6 - 3.2: 48 h Daphnia magna mg/L EC50 Static
Octamethylcyclotetrasiloxane 556-67-2	-	500: 96 h Brachydanio rerio mg/L LC50 1000: 96 h Lepomis macrochirus mg/L LC50	25.2: 24 h Daphnia magna mg/L EC50
1,4-dioxane 123-91-1	-	10306 - 14742: 96 h Pimephales promelas mg/L LC50 static 9850: 96 h Pimephales promelas mg/L LC50 10000: 96 h Lepomis macrochirus mg/L LC50 semi-static 9850: 96 h Pimephales promelas mg/L LC50 flow-through 10000: 96 h Lepomis macrochirus mg/L LC50 static	163: 48 h water flea mg/L EC 50 Static
Ethylene Oxide 75-21-8	-	73 - 96: 96 h Pimephales promelas mg/L LC50	137 - 300: 48 h Daphnia magna mg/L LC50

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other Adverse Effects

No information available

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.
US EPA Waste Number U108 U115

Chemical name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes

1,4-dioxane 123-91-1	U108	Included in waste stream: F039	-	U108
Ethylene Oxide 75-21-8	U115	Included in waste stream: F039	-	U115

This product contains one or more substances that are listed with the State of California as a hazardous waste.

14 . Transport Information

DOT	NOT REGULATED
IATA	NOT REGULATED
IMDG	NOT REGULATED
TDG	NOT REGULATED
MEX	NOT REGULATED
ICAO (air)	NOT REGULATED
RID	NOT REGULATED
ADR	NOT REGULATED
ADN	NOT REGULATED

15 . Regulatory Information

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

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

US 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	NO
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, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

US State Regulations

California Proposition 65

This product contains Proposition 65 chemicals

Chemical name	California Proposition 65
1,4-dioxane - 123-91-1	Carcinogen
Ethylene Oxide - 75-21-8	Carcinogen Developmental Female Reproductive Male Reproductive

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Dimethyl siloxane, hydroxy-terminated 70131-67-8	X	X	X
Glycerol 56-81-5	X	X	X
Dibromodicyanobutane 35691-65-7	X	-	-
1,4-dioxane 123-91-1	X	X	X
Ethylene Oxide 75-21-8	X	X	X

U.S. EPA Label information

EPA Pesticide registration number Not Applicable

16. Other information, including date of preparation of the last revision

NFPA Health Hazards 0 Flammability 1 Instability 0 -
HMIS Health Hazards 0 Flammability 1 Physical Hazards 0 - X

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Revision note
 No information available

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