

Safety Data Sheet

Revision Date: 21-Apr-2022

Issue Date: 01-Feb-2002 Revision Date: 21-Apr-2022 Version 1

1. IDENTIFICATION

Product Identifier

Product Name OX315II Leak-Tec Liquid Oxygen Systems Low Temp

Other means of identification

SDS # AGC-252 Product Code OX315II

Other Information Package type: Poly bottles, 5 gallon pails, 55 gallon drums.

Recommended use of the chemical and restrictions on use

Recommended Use Low Temp Leak Detection Bubble Fluid for Oxygen Systems

Details of the supplier of the safety data sheet

Manufacturer Address AMERICAN GAS & CHEMICAL COMPANY, LTD

220 Pegasus Avenue Northvale NJ 07647

Emergency Telephone Number

Company Phone Number Phone: 201-767-7300 Fax: 201-767-1741 **Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Clear Liquid Physical State Liquid Odor Slight Sweet Odor

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Unknown Acute Toxicity

0.5% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENT

Chemical	CAS No	Weight-%
Propylene Glycol	57-55-6	<45

4. FIRST-AID MEASURES

First Aid Measures

General Advice Provide this SDS to medical personnel for treatment.

Eye Contact If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If

irritation persists, call physician.

Skin Contact In case of contact, wash skin thoroughly with soap and water. Remove any contaminated

clothing and wash before reuse.

Inhalation Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison

center if individual's condition declines or if symptoms persist.

Ingestion Induce vomiting, but only if victim is fully conscious. Call a physician.

Most important symptoms and effects

Symptoms Irritation by inhalation, eye / skin contact.

Indication of any immediate medical attention and special treatment needed

Notes to Physician 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 Not determined.

Specific Hazards Arising from the Chemical

Product is not flammable or combustible.

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. Cool exposed containers with water spray. Avoid breathing vapor or fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Remove all ignition sources. Recover free liquid. Ventilate confined spaces.

For Emergency Responders Follow applicable OSHA regulations (29 CFR 1910.120).

Environmental Precautions Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See

Section 12, Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so. Soak up with absorbent material.

Methods for Clean-Up Sweep up absorbed material and shovel into suitable containers for disposal. Discard any

product, residue, disposable container or liner in full compliance with federal, state, and

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local regulations. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with

skin, eyes or clothing.

Conditions for safe storage, including any incompatibilities

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

Incompatible MaterialsNone known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines No exposure limits noted for ingredient(s)

Appropriate engineering controls

Engineering Controls None under normal use conditions.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses.

Skin and Body Protection Chemical impervious and non-slip gloves.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Liquid

AppearanceClear LiquidOdorSlight sweet odorColorClearOdor ThresholdNot determined

Property Values Remarks • Method

pH 8.0-9.5

Melting Point/Freezing PointNot determinedBoiling Point/Boiling Range107°C / 225°F

Flash Point None

Evaporation Rate <1 (Water = 1)

Flammability (Solid, Gas) Not determined Upper Flammability Limits Not determined **Lower Flammability Limit** Not determined 17.5 mm Hg

Vapor Pressure

Vapor Density >1

Specific Gravity 1.06-1.08 **Water Solubility** Soluble in water Solubility in other solvents Not determined **Partition Coefficient** Not determined **Auto-ignition Temperature** Not determined **Decomposition Temperature** Not determined **Kinematic Viscosity** Not determined **Dynamic Viscosity** Not determined **Explosive Properties** Not determined

Additional Information Percent Solids: 99.9 %

10. STABILITY AND REACTIVITY

@68°F (20°C)

(Air=1)

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Reactivity Not reactive under normal conditions

Not determined

Chemical Stability Stable under recommended storage conditions

Possibility of Hazardous Reactions None under normal processing **Conditions to Avoid** Keep out of reach of children

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

Oxidizing Properties

Eye Contact May cause temporary irritation on eye contact. **Skin Contact** May cause temporary irritation on skin contact.

Inhalation May cause irritation if inhaled. Ingestion May cause discomfort if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Propylene Glycol 57-55-6	= 20000 mg/kg (Rat)	= 20800 mg/kg(Rabbit)	-

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

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

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA,

IARC or NTP.

Numerical measures of toxicity Not determined

Unknown Acute Toxicity 0.21% of the mixture consists of ingredient(s) of unknown toxicity.

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Propylene Glycol 57-55-6	19000: 96 h	51600: 96 h Oncorhynchus		10000: 24 h Daphnia magna
,	Pseudokirchneriella	mykiss mg/L LC50 static 41 - 47:		mg/L EC50 1000: 48 h
	subcapitata mg/L	96 h Oncorhynchus mykiss mL/L		Daphnia magna mg/L EC50
	EC50	LC50 static 51400: 96 h		Static
		Pimephales promelas mg/L LC50		
		static 710: 96 h Pimephales		
		promelas mg/L LC50		

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Persistence/Degradability Not determined **Bioaccumulation** Not determined **Mobility** Not determined **Other Adverse Effects** Not determined

13. DISPOSAL CONSIDERATIONS

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Gloves

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and

regulations.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances.

DOT Not regulated Not regulated <u>IATA</u> <u>IMD</u>G Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Listed

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

US Federal Regulations

CERCLA

SARA 313 Not determined

CWA (Clean Water Act)

US State Regulations

U.S. State Right-to-Know Regulations Not determined

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Propylene Glycol 57-55-6	X		X

16. OTHER INFORMATION

NFPA Health Hazards Flammability Instability **Special Hazards** Not determined **HMIS Health Hazards Flammability Physical Hazards Personal Protection** B- Safety Glasses,

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End of Safety Data Sheet