



MATERIAL SAFETY DATA SHEET

REVISION DATE: 12/11/2013

REVISION NUMBER: 1

DATE PRINTED: 12/11/2013

1. CHEMICAL PRODUCT

PRODUCT NAME: **OXYGEN REFILL, TANG**

PRODUCT CODE: 119633

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 1/1

Fire: 2/2

Reactivity: 0/0

Special/Protective Equipment: None/B

Emergency Phone:

INFOTRAC: 1-800-535-5053

OUTSIDE US: 1-352-323-3500

DISTRIBUTED BY: Rochester Midland Corporation
155 Paragon Drive
Rochester, NY 14624

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: May cause irritation.

SKIN CONTACT: May cause moderate skin irritation. Repeated or prolonged contact may cause skin sensitization.

INHALATION: None in normal use. High vapor levels cause respiratory irritation

EYE CONTACT: May irritate eyes.

CHRONIC EFFECTS: None known.

EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.

ROUTES OF ENTRY: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
Decanal 112-31-2	30 - 50	Not applicable	Not applicable
Octanal 124-13-0	10 - 20	Not applicable	Not applicable
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde 68039-49-6	1 - 5	Not applicable	Not applicable
2-Propenyl 2(3)-methylbutoxyacetate 67634-00-8	1 - 5	Not applicable	Not applicable
d-Limonene 5989-27-5	1 - 5	Not applicable	Not applicable
CITRAL 5392-40-5	1 - 5	Not applicable	Not applicable
Citronnelal 106-23-0	1 - 5	Not applicable	Not applicable
Lauraldehyde 112-54-9	1 - 5	Not applicable	Not applicable

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4. FIRST AID MEASURES

INGESTION:	DO NOT INDUCE VOMITING. Rinse mouth with water many times. Get immediate medical attention.
SKIN:	Remove contaminated clothing and launder before reuse. Wash with soap and water. Get medical attention if irritation persists.
INHALATION:	Not a hazard under normal use conditions. If inhaled, move victim to fresh air and seek medical attention.
EYES:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.
NOTES TO PHYSICIAN:	None.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	(F): 129° (C): 54°
METHOD:	None
FLAMMABLE LIMITS IN AIR	
LOWER (%):	No data
UPPER (%):	No data
SENSITIVITY TO MECHANICAL IMPACT(Y/N):	NO
SENSITIVITY TO STATIC DISCHARGE:	Sensitivity to static discharge is not expected.
SUITABLE EXTINGUISHING MEDIA:	Carbon dioxide. Dry chemical. Foam.
FIRE FIGHTING PROCEDURES:	DO NOT USE streams of water, as this will scatter the liquid and spread the fire. Do not allow runoff to enter sewers or public watercourses. Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

6. ACCIDENTAL RELEASE MEASURES

<u>SPILL PROCEDURES:</u>	
SMALL SPILLS:	Pick up with absorbant material.
LARGE SPILLS:	Keep away from heat, sparks, or flame. Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.
PERSONAL PRECAUTIONS:	Wear adequate personal protective equipment, see Section 8, Exposure Controls/Personal Protection.
ENVIRONMENTAL PRECAUTIONS:	Keep out of drains, sewers, streams, or other bodies of water. Avoid subsoil penetration.
METHODS FOR CLEANING UP:	Not applicable

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Store in a cool, dry location away from incompatible materials. Store in a well ventilated area. Do not store near heat, sparks or flame. Keep container closed when not in use. Wash hands before eating and smoking.
OTHER PRECAUTIONS:	No other spill procedures necessary.
SPECIFIC USE(S):	Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



EXPOSURE CONTROLS:	None known.
RESPIRATORY PROTECTION:	None normally required. NIOSH approved respirator if spray mist in air causes irritation.
PROTECTIVE GLOVES:	None required. Chemical resistant gloves are recommended to minimize skin contact.

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EYE PROTECTION:	Not normally required.
OTHER PERSONAL PROTECTION EQUIPMENT:	Appropriate protective clothing as needed to prevent skin contact. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.
VENTILATION:	None required.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Light red liquid Pleasant fragrance as labeled.
BOILING POINT (F):	Not determined (C) Not determined
VAPOR PRESSURE:	Not determined
VAPOR DENSITY (AIR=1):	Not determined
SOLUBILITY IN WATER:	Not determined
SPECIFIC GRAVITY:	Not determined
VOC Content (%):	Not determined
EVAPORATION RATE:	Not determined
PH:	Not determined

10. STABILITY AND REACTIVITY

STABILITY DATA:	STABLE
POLYMERIZATION:	Will Not Occur.
HAZARDOUS DECOMPOSITION:	Combustion produces: Carbon Monoxide. Organic vapors.
INCOMPATIBILITY (MATERIALS TO AVOID):	Strong acids, bases and oxidizing agents.
CONDITIONS/HAZARDS TO AVOID:	Keep away from heat, sparks and flame. Extreme heat, direct sunlight.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Not Established
EFFECTS OF CHRONIC EXPOSURE:	Not established.
OTHER TOXIC EFFECTS:	Not established.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:	No data at this time
CHEMICAL FATE INFORMATION:	No data at this time.
MOBILITY:	Not applicable.
PERSISTENCE/DEGRADABILITY:	Not applicable
BIOACCUMULATIVE POTENTIAL:	Not applicable
OTHER ADVERSE EFFECTS:	Not applicable

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS:	Dispose in accordance with Federal, State and Local regulations.
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14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

15. REGULATORY INFORMATION

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PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Decanal 112-31-2	30 - 50	Listed	Listed	Listed	Not Listed
Octanal 124-13-0	10 - 20	Listed	Listed	Listed	Not Listed
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde 68039-49-6	1 - 5	Listed	Listed	Listed	Not Listed
2-Propenyl 2(3)-methylbutoxyacetate 67634-00-8	1 - 5	Listed	Listed	Listed	Not Listed
d-Limonene 5989-27-5	1 - 5	Listed	Listed	Listed	Not Listed
CITRAL 5392-40-5	1 - 5	Listed	Listed	Listed	Not Listed
Citronnelal 106-23-0	1 - 5	Listed	Listed	Listed	Not Listed
Lauraldehyde 112-54-9	1 - 5	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Decanal 112-31-2	30 - 50	Not Listed	Not Listed	Not Listed
Octanal 124-13-0	10 - 20	Not Listed	Not Listed	Not Listed
2,4-Dimethyl-3-Cyclohexene Carboxaldehyde 68039-49-6	1 - 5	Not Listed	Not Listed	Not Listed
2-Propenyl 2(3)-methylbutoxyacetate 67634-00-8	1 - 5	Not Listed	Not Listed	Not Listed
d-Limonene 5989-27-5	1 - 5	Not Listed	Not Listed	Not Listed
CITRAL 5392-40-5	1 - 5	Not Listed	Not Listed	Not Listed
Citronnelal 106-23-0	1 - 5	Not Listed	Not Listed	Not Listed
Lauraldehyde 112-54-9	1 - 5	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
d-Limonene 5989-27-5	1 - 5	Listed

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	MARTK:
Octanal 124-13-0	10 - 20	Listed

None of the components of this material are included in the New Jersey Substance List nor are present at or above reportable levels.
None of the components of this material are included in the Pennsylvania Substance List nor are present at or above reportable levels.

16. OTHER INFORMATION

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

*** END OF MSDS ***