# SAFETY DATA SHEET



MONSOON

### Section 1. Chemical product and company identification

Product name Recommended use and restrictions	OON I Warewashing Detergent Iy for the purpose on the product label.	
Product dilution information	oz/20gal or 2.2ml/L in water	
Supplier's information	Inc. Institutional Division Wabasha Street II, MN 55102 352-5326	
Code	)	
Date of issue	<b>2013</b> GENCY HEALTH INFORMATION: 1-800-328-0 e United States and Canada CALL 1-651-222-5	

### Section 2. Hazards identification

GHS Classification	Product AS SOLD : SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2B	Product AT USE DILUTION Not classified.
GHS label elements		
Signal word	: Warning	No signal word.
Hazard statements	: Causes eye irritation.	No known significant effects or critical hazards.
Precautionary statements		
Prevention	: Wash hands thoroughly after handling.	Wash thoroughly after handling.
Response	: 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 attention.	Get medical attention if symptoms appear.
Storage	: No other specific measures identified.	No other specific measures identified.
Disposal	: See section 13 for waste disposal information.	See section 13 for waste disposal information.
Other hazards	: None known.	None known.

### Section 3. Composition/information on ingredients

Substance/mixture : Mixture		
Product AS SOLD		
Hazardous ingredients	Concentration Range (%)	CAS number
alcohols, c12-16, ethoxylated COCAMINE OXIDE oxirane, methyl-, polymer with oxirane	5 - 20 1 - 5 1 - 5	68551-12-2 61788-90-7 9003-11-6

### Section 3. Composition/information on ingredients

### Product AT USE DILUTION

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

#### Section 4. First aid measures

	Product AS SOLD	Product AT USE DILUTION
Eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.	No known effect after eye contact. Rinse with water for a few minutes.
Skin contact	: No known effect after skin contact. Rinse with water for a few minutes.	No known effect after skin contact. Rinse with water for a few minutes.
Inhalation	: No special measures required. Treat symptomatically.	No special measures required. Treat symptomatically.
Ingestion	: Get medical attention if symptoms occur.	Get medical attention if symptoms occur.
Protection of first- aiders	: No action shall be taken involving any personal risk dangerous to the person providing aid to give mout	
Notes to physician	: Treat symptomatically. Contact poison treatment s been ingested or inhaled.	pecialist immediately if large quantities have

See toxicological information (section 11)

### Section 5. Fire-fighting measures

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Product AS SOLD	
Suitable fire extinguishing media	: Use water spray, fog or foam.
Specific hazards arising from the chemical	<ul> <li>In a fire or if heated, a pressure increase will occur and the container may burst. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.</li> </ul>
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide
Specific fire-fighting methods	<ul> <li>Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.</li> </ul>
Special protective equipment for fire-fighters	<ul> <li>Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.</li> </ul>

#### Section 6. Accidental release measures

	Product AS SOLD	Product AT USE DILUTION
Personal precautions	: Use personal protective equipment as required.	Use personal protective equipment as required.
Environmental precautions	: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.	Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.
Methods for cleaning up	: Use a water rinse for final clean-up.	Use a water rinse for final clean-up.

# Section 7. Handling and storage

	Product AS SOLD	Product AT USE DILUTION
Handling :	Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.	Wash thoroughly after handling.
Storage :	Keep out of reach of children. Keep container tightly closed.	Keep out of reach of children.
	Do not store above the following temperature: 5°C	

### Section 8. Exposure controls/personal protection

Control parameters				
Ingredient name		Exp	Exposure limits	
None.				
	Product AS SOLD		Product AT USE DILUTION	
Appropriate engineering controls	: Good general ventilation should be sufficient t control worker exposure to airborne contaminants.	0	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.	
Personal protection				
Eye protection	: No protective equipment is needed under norruse conditions.	nal	No protective equipment is needed under normal use conditions.	
Hand protection	: No protective equipment is needed under norruse conditions.	mal	No protective equipment is needed under normal use conditions.	
Skin protection	: No protective equipment is needed under norruse conditions.	mal	No protective equipment is needed under normal use conditions.	
Respiratory protection	: A respirator is not needed under normal and intended conditions of product use.		A respirator is not needed under normal and intended conditions of product use.	
Hygiene measures	: Wash hands, forearms and face thoroughly at smoking and using the lavatory and at the end should be used to remove potentially contamin before reusing.	l of th	ne working period. Appropriate techniques	

# Section 9. Physical and chemical properties

	Product AS SOLD	Product AT USE DILUTION
Physical state	: Liquid.	Liquid.
Color	: Yellow [Dark]	Clear
Odor	: citrus	citrus
рН	: 7.2 to 9 (100%)	6
Flash point	: > 100°C Product does not support combustion.	> 100°C
Explosion limits	: Not available.	
Flammability (solid, gas)	: Not available.	
Melting point	: Not available.	
Boiling point	: 100°C (212°F)	
Evaporation rate (butyl acetate = 1)	: Not available.	
Vapor pressure	: Not available.	
Vapor density	: Not available.	
Relative density	: 0.988 to 1.008 (Water = 1)	

# Section 9. Physical and chemical properties

Solubility	: Easily soluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Odor threshold	: Not available.
Viscosity	: Kinematic (room temperature): 0 cm <sup>2</sup> /s (0 cSt)

# Section 10. Stability and reactivity

Product AS SOLD Stability Possibility of hazardous	<ul> <li>The product is stable.</li> <li>Under normal conditions of storage and use, hazardous reactions will not occur.</li> </ul>
reactions	
Conditions to avoid	: No specific data.
Materials to avoid	: Not available.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# Section 11. Toxicological information

Route of exposure	: Skin contact, Eye contact, Inhalation, Ingestion	

	Product AS SOLD	Product AT USE DILUTION
<u>Symptoms</u>		
Eye contact	: Adverse symptoms may include the following: irritation watering redness	No specific data.
Skin contact	: No specific data.	No specific data.
Inhalation	: No specific data.	No specific data.
Ingestion	: No specific data.	No specific data.
Acute toxicity		
Eye contact	: Causes eye irritation.	No known significant effects or critical hazards.
Skin contact	: No known significant effects or critical hazards.	No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.	No known significant effects or critical hazards.
Ingestion	: No known significant effects or critical hazards.	No known significant effects or critical hazards.
Toxicity data		
Product/ingredie	ent name	

LD50 Dermal LD50 Oral	Rabbit Rat	>2000 mg/kg 1100 mg/kg
LD50 Dermal	Rat	>2174 mg/kg 846 mg/kg
LC50 Inhalation	Rat	0.147 mg/l
LD50 Dermal LD50 Oral	Rabbit Rat	>2000 mg/kg >2000 mg/kg
	LD50 Oral LD50 Dermal LD50 Oral LC50 Inhalation Dusts and mists LD50 Dermal	LD50 OralRatLD50 DermalRatLD50 OralRatLC50 InhalationRatDusts and mistsLD50 DermalLD50 DermalRabbit

#### Section 11. Toxicological information

Chronic toxicity	
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.

#### Section 12. Ecological information

#### Product AS SOLD

Ecotoxicity

: Water polluting material. May be harmful to the environment if released in large quantities. This material is harmful to aquatic life. Aquatia and torrestrial toxisity

Aquatic and terrestrial toxicity			
Product/ingredient name	Result	Species	Exposure
alcohols, c12-16, ethoxylated	Acute LC50 1.5 mg/l	Fish	96 hours
amines, coco alkyldimethyl, n-oxides	Acute LC50 <1 mg/l	Fish	96 hours
oxirane, methyl-, polymer with oxirane	Acute LC50 >100 mg/l	Fish	96 hours
<b>Other adverse effects</b> : No known significant effects or critical hazards.			

#### Section 13. Disposal considerations

**Disposal methods** 

: Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

Product AT USE DILUTIO	N
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Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

#### Section 14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

DOT

DOT Classification Not regulated.

IMO/IMDG

**IMO/IMDG Classification** 

Not regulated.

For transport in bulk, see shipping documents for specific transportation information.

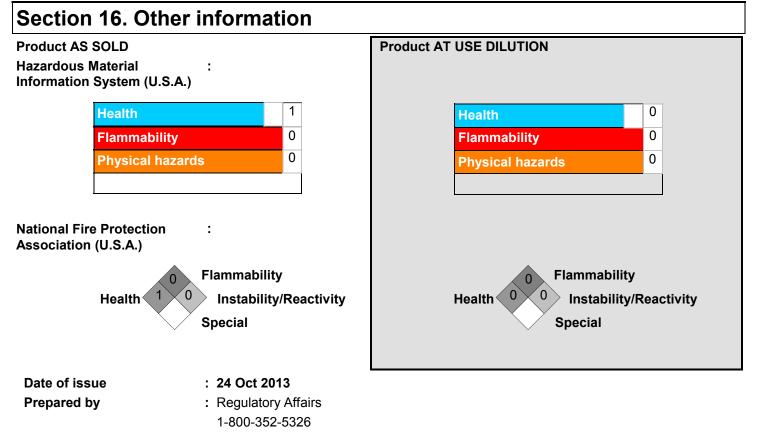
#### Product AT USE DILUTION

Not intended for transport.

### Section 15. Regulatory information

#### **Product AS SOLD**

U.S. Federal regulations				
TSCA 8(b) inventory	: All components are listed or	r exempted.		
SARA 302/304/311/312 extremely hazardous substances: No listed substance				
SARA 302/304 emergency planning and notification: No listed substance				
<u>SARA 313</u>	Product name	<u>CAS number</u>	<u>Concentration</u>	
Form R - Reporting requirements	: No listed substance			
<u>California Prop. 65</u>	: No listed substance			



#### Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.