



Chemical Name: Ready Orange

Manufacturer: Lawson

Container size: 1 qt.

Location: VLA

Disposal: Place empty container in trash.



Material Safety Data Sheet

Revision Date 11-Mar-2010

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product code 97344
Product name Ready Orange Cleaner
Recommended Use Cleaner
Supplier Lawson Products, Inc.
1666 East Touhy Avenue
Des Plaines, IL 60018
(847)-827-9666
Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview
May cause eye/skin irritation.

Color Clear Yellow / Light orange

Odor Citric

Form Liquid

Aggravated Medical Conditions None Known.

Principal Routes of Exposure Eyes. Skin contact.

Potential health effects

Eyes May cause the following effects: Irritation. Pain. Swelling. Tearing. Conjunctivitis.
Skin Repeated or prolonged exposure may cause: Skin Irritation. Defatting. Chronic exposure causes drying effect on the skin .
Inhalation none under normal use.
Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Hearing No adverse affects expected..

3. COMPOSITION/INFORMATION ON INGREDIENTS

While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of this product. This MSDS should be retained and available for employees and other users of this product.

4. FIRST AID MEASURES

Eye contact	Flush with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
Skin contact	Wash off immediately with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
Ingestion	Give large amounts of milk or water. Induce vomiting, but only if victim is fully conscious. Seek medical attention.
Inhalation	No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

5. FIRE FIGHTING MEASURES

Flash point °C	None
Flash point °F	None
Method	No information available
Autoignition temperature °C	No data available
Autoignition temperature °F	No data available
Flammability Limits (% in Air)	
Upper	No data available
Lower	No data available

Suitable extinguishing media

Product is nonflammable. Use extinguishing media appropriate to surrounding fire.

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

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up

Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. After cleaning, flush away traces with water. Use caution as spill may create a slip hazard.

7. HANDLING AND STORAGE

Handling

Keep from excessive heat. Keep out of reach of children. Keep container closed when not in use.

Storage

Keep tightly closed in a dry and cool place. Do not freeze.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Ventilation and Environmental Controls

Provide general exhaust ventilation.

Hygiene measures

General industrial hygiene practice.

Personal protective equipment

Respiratory protection

None necessary under normal conditions.

Hand Protection

For prolonged or repeated skin contact, use a chemically resistant glove such as nitrile or neoprene. Wash hands with soap and water after removing gloves. Dry hands thoroughly before re-applying gloves. .

Eye protection

Safety glasses. Goggles.

Skin and body protection

None necessary under normal conditions

Other Protective Equipment

An eye wash station should be available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid	Color	Clear Yellow / Light orange
Odor	Citric	Odor Threshold	Not Applicable
pH	12	Specific Gravity	1.00
Vapor pressure	Not Applicable	Vapor density	Not Applicable
Evaporation Rate	Not Applicable	VOC Content	0.7%
Water solubility	Soluble in water	Partition Coefficient (n-octanol/water)	No data available
Boiling point/range °C	100	Boiling point/range °F	212
Melting point/range °C	0	Melting point/range °F	32
Flash point °C	None	Flash point °F	None

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

Avoid extreme temperatures.

Incompatibility

Strong acids. Oxidizers.

Hazardous Decomposition Products

Carbon dioxide. Carbon monoxide.

Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION**Component Information****Synergistic Products**

None known

Potential health effects**Sensitization**

None known

Chronic toxicity

None known

Mutagenic effects

None known

Teratogenic effects

None known

Reproductive toxicity

None known

Target Organ Effects

See Section 2

Carcinogenic effects

See table below

12. ECOLOGICAL INFORMATION

No Information Available

13. DISPOSAL CONSIDERATIONS**Waste from residues / unused products**

Dispose in accordance with federal, state, and local regulations.

14. TRANSPORT INFORMATION**DOT**

Not Regulated

TDG

UN1950 AEROSOLS, non-flammable, 2.2

IMDG/IMO

14. TRANSPORT INFORMATION

Not Regulated

IATA

Not Regulated

MEX

Not Regulated

15. REGULATORY INFORMATION

CPR

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

16. OTHER INFORMATION

NFPA		HMIS	
Health	1	Health	1
Flammability	0	Flammability	0
Reactivity	0	Physical Hazard	0

Prepared By

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The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.