Material Safety Data Sheet

Revision Date *11-Mar-2005*

1.CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product code 93002
Product name Lawson`s Rust Converter

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
Irritant.

Color Opaque Beige **Odor** Very faint **Form** Liquid

Aggravated Medical Conditions None Known.

Principal Routes of Exposure Eyes. Skin contact. Inhalation. Ingestion.

Potential health effects

Eyes Irritation. Redness.

Skin Mild irritation.

Inhalation none under normal use.

Ingestion Gastrointestinal irritation. Nausea. Cramps. Diarrhea. Vomiting.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
2-Butoxyethanol	111-76-2	1-5
Tannic Acid	1401-55-4	1-5

4. FIRST AID MEASURES

Eye contact	Flush with plenty of water for at least 15 minutes. If symptoms persist, call a physician.
Skin contact	Flush skin with water. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.
Ingestion	Call a physician or Poison Control Center immediately. Do not induce vomiting. Rinse mouth with water and spit out rinse. Give victim a glass of milk. Never give anything by mouth to an unconscious person.
Inhalation	Move to fresh air. Seek medical attention.

5. FIRE FIGHTING MEASURES

Flash point °C	No data available
Flash point °F	No data available
Method	Closed cup
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
Water spray. Foam. Carbon dioxide (CO2). Dry chemical.

Extinguishing media which must NOT be used for safety reasons
No information available.

Special Fire-Fighting Procedures
Firefighters should wear NIOSH/MSHA approved (or equivalent) self-contained pressure-demand breathing apparatus and full protective clothing.

Sensitivity to shock
No information available.

Sensitivity to static discharge
No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up
Ventilate area to maintain exposure below permissible exposure limits. Eliminate all sources of ignition. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.

7. HANDLING AND STORAGE

Handling
Keep container closed when not in use. Keep out of reach of children.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
2-Butoxyethanol	240 mg/m³ 50 ppm	-	20 ppm	-
Tannic Acid	-	-	-	-

Ventilation and Environmental Controls
Provide local exhaust ventilation. General: adequate.

Hygiene measures
General industrial hygiene practice.

Personal protective equipment

Respiratory protection
None required if adequate ventilation is provided. If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended.

Hand protection
Chemical resistant gloves.

Eye protection
Use safety eyewear designed to protect against splash of liquids.

Skin and body protection
No information available

Other Protective Equipment
An eye wash station should be available

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid	**Color**	Opaque Beige
Odor	Very faint	**Odor Threshold**	No information available
pH	3.50	**Specific Gravity**	1.13
Vapor pressure	No data available	**Vapor density**	No data available
Evaporation Rate	1.0 (H2O)	**VOC Content**	1.00-5.00 %
Water solubility	Soluble in water	**Partition Coefficient (n-octanol/water)**	No data available
		Boiling point/range °C	No data available
Boiling point/range °F	No data available	**Melting point/range °C**	No data available
Melting point/range °F	No data available	**Flash point °C**	No data available
Flash point °F	No data available		

10. STABILITY AND REACTIVITY

Stability
Stable.

Conditions to avoid
Do not store in extreme temperatures.

Materials to avoid
Strong oxidizers.

Hazardous decomposition products
Oxides of carbon.

Polymerization
Will not occur.

Synergistic Products
No information available.

11. TOXICOLOGICAL INFORMATION

Component Information

Chemical Name	LD50 (oral,rat)	LD50 (dermal,rat/rabbit)	LC50 (inhalation,rat)
2-Butoxyethanol *111-76-2*	470 mg/kg	220 mg/kg	450 ppm 700 ppm
Tannic Acid *1401-55-4*	2260 mg/kg	-	-

Potential health effects

Sensitization
No information available.

Mutagenic effects
No information available.

Reproductive toxicity
No information available

Carcinogenic effects
See table below

Chronic toxicity
No information available.

Teratogenic effects
No information available

Target Organ Effects
No information available

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
2-Butoxyethanol	A3 - Animal Carcinogen	-	-	-	-
Tannic Acid	-	-	-	-	-

12. ECOLOGICAL INFORMATION

Aquatic toxicity
2-Butoxyethanol

Water Flea Data
water flea LC50=1720 mg/L (24 h)

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products
Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT

Not Regulated

TDG

Not Regulated

IMDG/IMO

Not Regulated

IATA

Not Regulated
Hazard Class 2.1

MEX

Not Regulated

15. REGULATORY INFORMATION

Chemical Name	US EPA SARA 313 Emission Reporting
2-Butoxyethanol	Listed

State Regulations

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
2-Butoxyethanol	Listed	Listed Listed	Not Listed
Tannic Acid	Not Listed	Not Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
2-Butoxyethanol	X	X	-	X
Tannic Acid	X	X	-	X

CPRC 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**	-
Flammability	0	**Flammability**	-
Reactivity	0	**Physical Hazard**	-

Reason for revision No information available.

Prepared By T. Heidorn, MSDS Project Lead

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.