

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF PRODUCT

Product name: **LIQUID RUST STRIPPER**
Chemical Family: CLEANING COMPOUND
Date prepared: Jan 4, 2011
Dot Class: COMPOUND, CLEANING, CLASS 55

SECTION II - HAZARDOUS INGREDIENTS

Chemical Identity:	Conc.	CAS No.
SODIUM HYDROXIDE	N.E.	1310-73-2
METHYLENEPHASPHONIC ACID		6419-19-8
SODIUM GLUCONATE		526-95-4
IONIC DETERGENT		9003-11-6

SECTION III - PHYSICAL/CHEMICAL DATA

Boiling Point >NA
Specific Gravity (H2O=1): 1.5
Solubility in Water: COMPLETE
Appearance: BROWN LIQUID
Odour: CHARACTERISTIC
Vapour Pressure (mmHg) N.E.
Vapour Density (air=1) N.E.
Evaporation Rte (Butyl Act=1) N.E.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: NA
Extinguishing Media: AS REQUIRED BY SURROUNDING FIRE
Special Fire Fighting Procedures: WEAR SELF-CONTAINED FULL-FACE BREATHING APPARATUS
Unusual Hazards: contact with some metals particularly magnesium; aluminums and zinc (galvanized) can rapidly generate hydrogen, which is explosive

SECTION V - REACTIVITY DATA

Stability: STABLE
Conditions to Avoid: EXTREME TEMPERATURES
Polymerization: WILL NOT OCCUR
Conditions to Avoid: NONE
Incompatible Materials: Organic materials and concentrated acids may cause violent reactions; caustic soda reacts with magnesium, aluminium, zinc, tin, chromium, brass, and bronze generating hydrogen, which is explosive. Also caustic soda may react with various food augers to generate carbon monoxide
Hazardous Decompositions or By-Products: CO, CO2, and H2

SECTION VI - HEALTH HAZARDS DATA

Threshold Limit Value: NOT ESTABLISHED
Carcinogenicity:
NTP: NO
IARC Monographs: NO
OSHA Regulated: NO
Health Hazards Acute/Chronic: EYE: causes severe burns, small quantities can result in permanent damage or loss of vision.
SKIN: corrosive action causes burns and frequent deep ulceration with subsequent scarring, prolonged contact destroys tissue.
INGESTION: either in solid or liquid form can cause very serious damage to the mucous membranes or other tissue with which contact is made.
INHALATION: of dusts or mists can cause damage to the upper respiratory tract and to the lung tissue depending on severity of the exposure.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove to fresh air, if not breathing give artificial respiration. If breathing is difficult give oxygen. Contact a physician.
EYE CONTACT: Hold eyelids open, flush with plenty of water for 15 minutes. Get medical attention
SKIN CONTACT: Immediately flush skin with plenty of water while removing contaminated clothing. If skin still feels slippery continue washing. Call a physician.
INGESTION: Give large quantities of water then several glasses of milk. Do not induce vomiting. Get medical attention immediately.

SECTION VII - PREVENTIVE MEASURES

Large Spills: CONTAIN LARGE SPILLS AND PUMP TO RECOVER.
Small Spills: MOP UP. FLUSH-CONTAMINATED AREA WITH WATER.
Waste Disposal Method: DISPOSAL OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
Precautions to Take in Handling and Storage: STORE IN A COOL, DRY PLACE. KEEP OUT OF REACH OF CHILDREN.

SECTION VIII - CONTROL MEASURES

Respiratory Protections: Use NIOSH/MSHA approved dust/mist filter respirator for routine work purposes when exposure exceed the permissible exposure limits.
Ventilation: Local exhuse-sufficient to maintain mist levels below permissible exposure limit.
Protective Gloves: RECOMMENDED
Eye Protection: RECOMMENDED
Other Protective Measures: Rubber boots, aprons PVC clothing, plastic hard hat should be used when necessary to prevent ski contact.

ADDITIONAL INFORMATION

Keep containers closed and store in dry place indoors. Never touch eyes or face with hands or gloves that may be contaminated with caustic soda. When making solutions with the rust stripper add it **SLOWLY to the surface of cold water** while stirring to avoid violent splattering. Wash thoroughly after handling. Keep out of reach of children.

DISTRIBUTOR:

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