

MATERIAL SAFETY DATA SHEET

PRODUCT INFORMATION

Product Name: SCALE OFF
HD6501/6505

Supplier: HOOD CHEMICAL
295 ALLIANCE RD #14
MILTON ON L9T 4W8
TEL: 905-876-0707

Product Use: GENERAL SCALE REMOVER
Chemical Identity: COMPLEX MIXTURE
TDG Hazard Classification: CORROSIVE LIQUID
CLASS 8 UN 1789 PG II

HAZARDOUS INGREDIENTS

Chemical Identity:	% W/W	CAS. #	LC50ppm	LD50mg/kg
Hydrochloric Acid	15-40	7647-01-0	NOT KNOWN	NOT KNOWN

PHYSICAL DATA

Physical State: LIQUID
Appearance and Odour: CLEAR, AMBER, PUNGENT ODOUR
Odour Threshold: NOT ESTABLISHED
Boiling Point: N/A
Specific Gravity: 1.114
Freezing Point: 0°C
Vapour Pressure: N/A
Vapour Density: 1
Water Solubility: N/A
pH: 1.0
Evaporation Rate: N/A

FIRE OR EXPLOSION HAZARD

Condition of Flammability: N/A
Means of Extinction: AS APPROPRIATE FOR THE SURROUNDING FIRE
Flashpoint and Method of Determination: NONE
Upper Flammable Limit: N/A
Lower Flammable Limit: N/A
Auto-Ignition Temperature: N/A
Hazardous Combustion Products: HYDROGEN CHLORIDE GAS AND OTHER TOXIC FUMES

REACTIVITY DATA

Stability: STABLE UNDER NORMAL CONDITIONS
Incompatibility: BASE METALS, METALS OXIDES, ALKALINE, MATERIALS MAY REACT VIOLENTLY PRODUCING HYDROGEN GAS AND TOXIC FUMES
Hazardous Decomposition; Hazardous Polymerization: HYDROGEN CHLORIDE FUMES, HYDROGEN GAS TOXIC FUMES ARE GENERATED BY REACTION WITH ALKALIS, OXIDANTS AND MANY METALS

TOXICOLOGICAL PROPERTIES

Threshold Limit Value: ND
Effects of Acute Exposure: CAN CAUSE SEVERE BURNS TO EYES, MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT
Skin Contact: EXTREMELY CORROSIVE

Skin Absorption:	SEVERE IRRITANT
Eye Contact:	CAN CAUSE SEVERE BURNS
Inhalation:	SEVERE BURNS TO UPPER RESPIRATORY TRACT
Ingestion:	CAN CAUSE NOSE AND GUM BLEEDING
Effect of Chronic Exposure:	VAPOUR CAUSES TOOTH EROSION, NOSE AND GUM BLEEDING AND SKIN INFLAMMATION
Irritancy of Product:	SEVERE IRRITANT
Carcinogenicity:	N/A
Sensitization to Material:	N/A
Reproduction Toxicity:	N/A
Teratogenicity:	N/A
Mutagenicity:	N/A

 PREVENTATIVE MEASURE

Protective Equipment To Be Used:	GLOVES, GOGGLES, BREATHING APPARATUS
Respiratory Protection:	SELF CONTAINED BREATHING APPARATUS IF MIST IS PRESENT.
Ventilation:	WELL VENTILATED PLACE
Protective Gloves:	NEOPRENE, PVC, RUBBER
Eye Protection:	SPLASH PROOF SAFETY GOGGLES
Other Protection Measures:	IMPERVIOUS BOOTS, NEOPRENE, PVC OR RUBBER APRON

SPILL OR LEAK PROCEDURES:

Steps To Be Taken In Case Material Is Released or Spilled:

ZONE OFF CONTAMINATED AREA. VENTILATE. WEAR PROTECTIVE GEAR

Waste Disposal Information:

DISPOSE THROUGH A LICENSED WASTE DISPOSAL FACILITY AND IN ACCORDANCE WITH ALL LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

Storage Requirements:

STORE IN SEPARATE WELL VENTILATED, COOL, DRY AREA. KEEP CONTAINERS TIGHTLY CLOSED.

 FIRST AID MEASURES

STATEMENT OF CAUTION:	CORROSIVE PRODUCT. OBTAIN MEDICAL ATTENTION IMMEDIATELY FOR ALL EXPOSURES.
INHALATION:	REMOVE TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION IF NECESSARY. CALL A PHYSICIAN.
EYE CONTACT:	FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN IMMEDIATELY.
SKIN CONTACT:	FLUSH WITH SOAP AND WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN IMMEDIATELY.
INGESTION:	DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. DRINK LARGE QUANTITIES OF MILK OR WATER. DO NOT GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS.

 PREPARATION INFORMATION

Date Revised:	January 2016
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