

MATERIAL SAFETY DATA SHEET

OMS[®]

OPTO-CHEMICALS

OMS, 177108 CANADA INC.

100 HYMUS BOULEVARD, UNIT J, POINTE-CLAIRE, QC H9R 1E4

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PRODUCT**ANTI-REFLEX COATING STRIPPER****SECTION 1: MANUFACTURER INFORMATION**

WHIMS. CLASSIFICATION N/A
 UN NUMBER N/A
 PACKAGING GROUP N/A
 PRODUCT NAME ANTI-REFLEX COATING STRIPPER
 CHEMICAL FORMULA PROPRIETARY
 CHEMICAL FAMILY ACID / SOLVENTS
 MATERIAL USE REFER TO TECHNICAL LITERATURE
 EMERGENCY TELEPHONE 514-426-3055, TOLL FREE: 800-461-6637, BUSINESS HOURS

SECTION 2: HARZARDEOUS INGREDIENTS

PRODUCT	%	T.L.V.	C.A.S.#	LC50 ROUTE SPECIES	LD50 ROUTE, SPECIES
SULFURIC ACID	8		78-93-3	60 MG/ M3/ 4H	2140 MG / KG
HYDROFLUORIC ACID	3		7664-39-3	IHL.-GPG 4327PPM/15MIN	N/A
METHYL ETHYL KEYTONE	20		78-93-3	9190 PPM / KG	2737 MG / KG

SECTION 3: PHYSICAL DATA

BOILING POINT 79.9 c
 PHYSICAL STATE LIQUID, CLEAR TO SLIGHT AMBER COLOUR
 ODOUR SWEET MINK LIKE ODOUR
 VAPOUR PRESSURE (MMHG) N/A
 VAPOUR DENSITY AIR=1 N/A
 FREEZING POINT N/A
 EVAPORATION RATE N/A
 PH 0.9
 FLAMMABILITY NOT FLAMMABLE IN MIXTURE
 FLASH POINT C, METHOD
 AUTO IGNITION TEMP. N/K
 UNUSUAL FIRE AND EXPLOSION NONE
 HAZARD

SECTION 4: FIRE HAZARDS

FLAMMABILITY NOT FLAMMABLE IN MIXTURE

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SECTION 5: REACTIVITY DATA

CHEMICAL STABILITY	PRODUCT STABLE UNDER NORMAL CONDITIONS
COMPATIBILITY WITH OTHER SUBSTANCES, YES	
NO, WHICH ONES	CONTACT WITH METALS GENERATES HYDROGEN GAS. HYDROGEN IS GENERATED BY THE ACTION OF THE ACID ON MOST METALS. SULFUR OXYDES.
CONDITIONS TO AVOID	
HAZARDEOUS POLYMERISATION	WILL NOT OCCUR
HAZARDEOUS DECOMPOSITION PRODUCTS	
STABILITY	STABLE

COMMENTS

SECTION 6: TOXICOLOGICAL PROPERTIES**INFORMATION: INFORMATION FOR THIS PRODUCT IS BASED AT 100% CONCENTRATION OF HAZARDEOUS INGREDIENTS**

ROUTE OF ENTRY	RESPIRATORY TRACT, SKIN, DIGESTIVE TRACT,
SKIN CONTACT	CAUSES SEVERE BURNS. MAY BE FATAL IF INHALED, SWALLOWED, OR ABSORBED THROUGH SKIN. DEFFATTING DERMATITIS WITH PROLONGED USE. DESTRUCTIVE TO TISSUE OF MUCOUS MEMBRANE.
SKIN ABSORPTION	SEE SKIN CONTACT
EYE CONTACT	CAUSES BURNS. MAY CAUSE LOSS OF SIGHT, CHRONIC EFFECTS.
VAPOUR EXPOSURE	(IN HIGH CONCENTRATION) IRRITATION OF THE EYES AND UPPER RESPIRATORY TRACT, HEADACHE, NAUSEA, GASTRO-INTESTINAL DISTURBANCES.
SWALLOWING, INGESTION	BURNS IN MOUTH, PHARYNX AND GASTROINTESTINAL TRACT. CAUSES SEVERE BURN OF MOUTH, ESOPHAGUS, AND STOMACH.
EFFECTS OF ACUTE EXPOSURE	SEE ABOVE
EFFECTS OF CHRONIC EXPOSURE	MAY CAUSE DEATH. CORROSIVE TO BODY TISSUE. DERMATOSIS (DEFATTING ACTION) POSSIBILITY OF SKIN SENSITIZATION (URTICARIA)
IRRITANCY OF MATERIAL	SEVERE
CARCINOGENICITY	NONE KNOWN
REPRODUCTIVE EFFECTS	EMBRYOTOXIC AND OR FOETOTOXIC IN ANIMALS. / DETECTED IN MATERNAL MILK IN HUMANS
BIOLOGICAL MONITORING	MEK IN URINE = 2 MGL AT END OF SHIFT

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SECTION 7: PREVENTATIVE MEASURES

GLOVES/TYPE	CHEMICAL RESISTANT GLOVES, RUBBER
CLOTHING	APRON OR CLOTHING TO PROTECT SKIN
RESPIRATORY TYPE	IF RESPIRATORY IRRITATION IS EXPERIENCED, USE AN APPROVED AIR PURIFYING RESPIRATOR.
EYE/TYPE	CHEMICAL SAFETY GOGGLES, FACE SHIELD
VENTILATION	ADEQUATE VENTILATION TO MAINTAIN 1 PPM
WASTE DISPOSAL	IN ACCORDANCE WITH MUNICIPAL, STATE OR FEDERAL REGULATION

FIRST AID MEASURES

INSTRUCTIONS:	<p><u>EYES:</u> WATER IS THE ONLY ACCEPTED METHOD OF REMOVAL OF ACIDS. WASH WITH COPIOUS QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION</p> <p><u>SKIN:</u> IMMEDIATE AND THOROUGH WASHING IN FLOWING WATER FOR 30 MINUTES IS IMPERATIVE WHILE REMOVING CONTAMINATED CLOTHING. PROMPT MEDICAL ATTENTION IS ESSENTIAL..</p> <p><u>ORAL/ INGESTION:</u> SEEK IMMEDIATE MEDICAL ATTENTION.</p> <p><u>INHALATION:</u> REMOVE TO FRESH AIR, RESTORE AND OR SUPPORT BREATHING, SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION OCCURS OR IF BREATHING IS DIFFICULT.</p> <p><u>IN CASE OF INGESTION:</u> GIVE LARGE QUANTITIES OF WATER. DO NOT INDUCE VOMITTING. GET IMMEDIATE ATTENTION..</p>
PRIMARY ROUTE OF INGESTION	INHALATION OR INGESTION. SKIN CONTACT, EYE CONTACT

SECTION 8: ACCIDENTAL RELEASE MEASURES

DISPOSAL OF COLLECTED PRODUCT, RESIDUES, AND CLEANUP MATERIALS MAY BE GOVERNMENT REGULATED. OBSERVE ALL APPLICABLE LOCAL, STATE/PROVINCIAL, AND FEDERAL WASTE MANAGEMENT REGULATIONS. MOP UP, OR WIPE UP, OR SOAK UP WITH ABSORBANT AND CONTAIN FOR SALVAGE OR DISPOSAL. FOR LARGE SPILLS, PROVIDE DIKING OR OTHER APPROPRIATE TECHNIQUES, SUCH AS SEVERAL MOPPINGS OR SWABBINGS WITH APPROPRIATE SOLVENTS; WASHING WITH MILD DETERGENTS OR SOLUTIONS OR HIGH PRESSURE STEAM FOR LARGE AREAS. USE TYPICAL INDUSTRIAL CLEANING MATERIALS.

LOCAL, STATE/PROVINCIAL AND FEDERAL REQUIREMENTS MAY APPLY TO SPILLS OR RELEASES OF THIS MATERIAL INTO THE ENVIRONMENT

SECTION 9: TRANSPORT INFORMATIONS

**NO SUBJECT TO IATA REGULATIONS
NO SUBJECT TO US DOT REGULATIONS
HAZARD CLASS NOT APPLICABLE**

SECTION 10: PREPARATION OF INFORMATION

EMERGENCY TELEPHONE	514-426-3055 OR TOLL FREE 800-461-6637, BUSINESS HOURS
PREPARED BY:	C.RYSER
DATE: APRIL 1995	
REVISED MAY 1, 2001	
REVISED APRIL 2002	
REVISED MAY 2005/ MAY 2008	
REVISED JUNE 2010	
REVISED MAY 2013	