

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: FORMULA 10 DEGREASER
Product Use: ALL PURPOSE WATER DILUTABLE DEGREASER
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7
Telephone Number: (204) 633-8553 Fax: (204) 633-8453 CANUTEC: (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS Number	Weight %	Exposure Limits	
			OSHA PEL	AGGIH TLV
Sodium Metasilicate	6834-92-0	1 - 5. %	Not established.	Not established.
2-Butoxyethanol	111-76-2	1 - 5 %	50 ppm (skin)	25 ppm (skin)
Potassium Hydroxide	1310-58-3	1 - 5 %	2 mg/m ³ C	2 mg/m ³ C
Sodium tripoly-phosphate	7758-29-4	1 - 5 %	Not established.	Not established.
Coco diethanolamide	68603-42-9	1 - 5 %	Not established.	Not established.

SECTION III - PHYSICAL DATA

Physical State: LIQUID
Specific gravity: 1.05
pH: 12.75 to 13.75
Odour and appearance: CLEAR YELLOW LIQUID, SLIGHT DETERGENT ODOUR.
Odour threshold: Not available. Vapour pressure (mm Hg): Not available.
Vapour density (air = 1): Not available. Evaporation rate (water = 1): Not available.
% volatile by volume: 1.00 - 5.00 Solubility in water: SOLUBLE.
Boiling Point (C⁰): Not available.
Coefficient of water/oil distribution: Not available.

SECTION IV - FIRE AND EXPLOSION DATA

Flammable or combustible: NO Flash Point (C⁰) and method: Greater than 97.7 C.
Upper flammable limit: Not applicable. Lower flammable limit: Not applicable.
Autoignition temperature: Not applicable. Flammability classification: Not applicable.
Conditions of flammability: NONE.
Means of extinction: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL
Special fire fighting procedures: COOL DRUMS IN VICINTIY OF FIRE WITH WATER FOG.
FIREFIGHTERS MUST BE EQUIPPED WITH FULL PROTECTIVE GEAR INCLUDING SELF-CONTAINED BREATHING APPARATUS.
Hazardous combustion products: OXIDES OF CARBON
Sensitivity to mechanical impact: NOT SENSITIVE
Sensitivity to static discharge: NOT SENSITIVE

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SECTION V - REACTIVITY DATA

Is the product stable: YES Incompatible substances: STRONG ACIDS AND OXIDIZERS
Conditions to avoid: EXCESSIVE HEAT AND OPEN FLAME.
Hazardous decomposition products: THERMAL DESTRUCTION MAY PRODUCE OXIDES OF CARBON.

SECTION VI - TOXICOLOGICAL PROPERTIES

Primary routes of exposure: SKIN AND EYE CONTACT, SKIN ABSORPTION, INGESTION, INHALATION.
Exposure Limits: SEE SECTION II FOR EXPOSURE LIMITS.
Irritant: YES- SEVERE Carcinogen: NO - IARC / NTP
Sensitizer: YES Mutagen: NO
Reproductive effects: NONE KNOWN Synergistic products: NONE KNOWN
Effects of acute exposure: CORROSIVE. SEVERE EYE IRRITATION, REDNESS, TEARING. POSSIBLE DESTRUCTION OF TISSUE. MODERATE TO SEVERE SKIN IRRITANT, CHAPPING, DERMATITIS, BURNS AND ULCERATION. RESPIRATORY TRACT IRRITATION, DIZZINESS AND HEADACHE IF INHALED. BURNS TO MOUTH AND MUCOUS MEMBRANES, NAUSEA, CRAMPS, AND DIARRHEA ON INGESTION. HARMFUL IF SWALLOWED.

SECTION VII - PREVENTION MEASURES

Gloves: CHEMICAL RESISTANT.	Respirator: NIOSH APPROVED RESPIRATOR IF EXPOSURE LIMITS ARE EXCEEDED, FOLLOWING MANUFACTURER'S RECOMMENDATIONS	Eye protection: SAFETY GLASSES OR CHEMICAL GOGGLES.
Footwear: NO SPECIAL REQUIREMENTS.	Clothing: PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.	Other requirements: EYE WASH STATION AND EMERGENCY SHOWER.

Engineering Controls: LOCAL VENTILATION RECOMMENDED.
Respiratory protection: USE WITH ADEQUATE VENTILATION. WEAR APPROPRIATE RESPIRATOR IF EXPOSURE LIMITS WILL BE EXCEEDED.
Leak or spill procedures: VENTILATE AREA AND REMOVE ALL SOURCES OF IGNITION. CONTAIN SPILL. SOAK UP ON ABSORBANT MATERIAL AND PLACE IN A PROPERLY LABELLED CONTAINER FOR PROPER DISPOSAL.
Waste disposal: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES.
Handling and storage requirements: STORE IN A COOL, DRY AREA AWAY FROM ACIDS, HEAT OR OPEN FLAME. DO NOT MIX WITH ANY OTHER CLEANING CHEMICALS. RINSE CONTAINER BEFORE DISCARDING. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN.
Special shipping information: CORROSIVE LIQUID N.O.S. (POTASSIUM HYDROXIDE) CLASS 8 UN1760 PACKING GROUP III. LIMITED QUANTITY IN CONTAINERS UP TO 5 LITRES.

SECTION VIII - FIRST AID MEASURES

Eyes: FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN AND CONTINUE FLUSHING UNTIL MEDICAL ATTENTION IS OBTAINED.
Skin: FLUSH WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING. LAUNDRY SEPARATELY BEFORE RE-USE. OBTAIN MEDICAL ATTENTION IF IRRITATION PERSISTS.
Ingestion: CONTACT PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY. RINSE MOUTH AND GIVE 1 – 2 GLASSES OF WATER. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
Inhalation: REMOVE PERSON TO FRESH AIR. CALL A PHYSICIAN IF IRRITATION PERSISTS.

SECTION IX - PREPARATION DATA

Information Sources: SUPPLIERS' MATERIAL SAFETY DATA SHEET
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Preparation date: FEBRUARY 28, 2011