MATERIAL SAFETY DATA SHEET Page 01

 **CARTIER CHEMICALS Ltd.**

 **2610A Boul J B Deschamps, Lachine, Quebec, H8T 1C8, CANADA**

PRODUCT NAME : **DR GUM Remover**

 Code 3825-2

 **SECTION 01 : CHEMICAL PRODUCT and COMPANY IDENTIFICATION**

MANUFACTURER : Same as above

PREPARED BY : Production Department

PREPARATION DATE : 11 / 15 / 12

TELEPHONE NO. : (514) 637 4631 or (800) 361 9432

EMERGENCY PHONE NUMBER : As above or call CANUTEC (613) 996 6666

CHEMICAL FAMILY: N.Ap. CHEMICAL FORMULA : Not Applicable

MOLECULAR WEIGHT: Not Applicable MATERIAL USE : Please refer to technical literature

**HMIS ratings** **Health** 1 **Flammability** 0 **Reactivity** 0

 **SECTION 02 : COMPOSITION / INFORMATION on INGREDIENTS**

 HAZARDOUS INGREDIENTS CONC. APPROX.% C.A.S # LD/50 (RAT-ORAL) LC/50 ( RTE/SPEC) TLV

Sodium Metasilicate 1 - 5 6834-92-0 1.2 g / kg N.Ap. N.Ap.

Monoethanolamine 7 - 13 141-43-5 2.1 g / kg >1210 mg/m3 (mouse/inhal) N.Av.

Dipropylene Glycol Methyl Ether 7 - 13 34590-94-8 14 g / kg N.Av. 100 ppm

Potassium Hydroxide 1 - 5 1310-58-3 .21 gr / kg N.Av. N.Av.

 **SECTION 03 : HAZARDS IDENTIFICATION**

 ROUTE OF ENTRY:

 SKIN CONTACT May cause irritation

 EYE CONTACT May cause burns or irritation

 INHALATION Inhalation of mist may cause irritation to breathing passages

 INGESTION May be harmful if swallowed

 **SECTION 04 : FIRST AID MEASURES**

 INSTRUCTIONS: For contact with skin, rinse with water.

 For contact with eyes rinse with water for 15 min..If irritation persists see a physician.

 If swallowed, give 3 - 4 glasses of milk or water. Do not induce vomitting. Seek immediate

 medical attention.

 **SECTION 05: FIRE AND EXPLOSION HAZARD AND FIRE FIGHTING MEASURES**

 FLAMMABILITY: NO

 IF YES , UNDER WHICH CONDITIONS:

 FLASH POINT (TCC) (C): N.Ap. LEL(% by vol): N.Ap. UEL(% by vol): N.Ap.

 AUTO IGNITION TEMPERATURE (C): N.Ap.

 EXTINGUISHING MEDIA: Suitable for surrounding fire.

 SPECIAL PROCEDURES: None required

 HAZARDOUS COMBUSTION PRODUCTS: N.Av.

 UNUSUAL FIRE AND EXPLOSION HAZARDS: NIL

 SENSITIVITY TO MECHANICAL IMPACT: NIL SENSITIVITY TO STATIC DISCHARGE: NIL

 **SECTION 06: ACCIDENTAL RELEASE MEASURES**

 LEAK AND SPILL PROCEDURE: Absorb with N.P. Oil absorbant. Rinse the area with water.

 **SECTION 07: HANDLING AND STORAGE**

 HANDLING PROCEDURES AND EQUIPMENT: Wear gloves and eye protection when handling.

 STORAGE REQUIREMENTS: Keep from freezing.

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 **SECTION 08: PERSONAL PROTECTIVE EQUIPMENT / EXPOSURE CONTROLS**

 GLOVES / TYPE: Rubber or synthetic chemical resistant

 RESPIRATOR / TYPE: Mist filter APR if spraying in enclosed spaces

 EYE / TYPE: Safety Glasses or goggles

 OTHER / TYPE: Have access to eye bath and safety shower

 ENGINEERING CONTROLS: Natural ventilation is adequate

 **SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

 PHYSICAL STATE / APPEARANCE: Clear, green liquid

 ODOUR: Pleasant aromatic ODOUR THRESHOLD: Not available

 VAPOUR PRESSURE (mm Hg @ 20C): 17.5 VAPOUR DENSITY (Air = 1) : .62

 EVAPORATION RATE ( WATER = 1) : 1.0 SPECIFIC GRAVITY : 1.07

 BOILING POINT (C): Approx. 100 FREEZING POINT (C): 0

 pH ( % SOLUTION): 12.5 (pure) SOLUBILITY IN WATER (% W/W): Complete

 % VOLATILE (WT) : 90

 **SECTION 10: STABILITY AND REACTIVITY**

 CHEMICALLY STABLE: Yes

 IF NO, UNDER WHICH CONDITIONS? :

 INCOMPATIBILITY WITH OTHER SUBSTANCES : Yes

 IF YES, WITH WHICH ONES? : Acidic materials

 SPECIAL REACTIVITY AND UNDER WHAT CONDITIONS: None

 HAZARDOUS DECOMPOSITION PRODUCTS: N.Av.

 **SECTION 11: TOXICOLOGICAL INFORMATION**

 EXPOSURE LIMIT OF MATERIAL : N.Av.

 LC 50 OF MATERIAL, SPECIES AND ROUTE : N.Av. LD 50 OF MATERIAL, SPECIES AND ROUTE : N.Av.

 CARCINOGENICITY OF MATERIAL: N.Av.

 REPRODUCTIVE EFFECTS : N.Av.

 IRRITANCY OF MATERIAL : See section 03

 SENSITIZING CAPABILITY OF MATERIAL : N.Av.

 SYNERGISTIC MATERIALS : N.Av.

 **SECTION 12: ECOLOGICAL CONSIDERATIONS**

 AQUATIC TOXICITY: N.Av.

 **SECTION 13: DISPOSAL CONSIDERATIONS**

 WASTE DISPOSAL : In accordance with municipal, provincial and federal regulations

 **SECTION 14: TRANSPORT INFORMATION**

 T.D.G. CLASSIFICATION : Not regulated under TDG

 UN NUMBER : N.Ap.

 PACKING GROUP : N.Ap.

 **SECTION 15: REGULATORY INFORMATION**

 WHMIS CLASSIFICATION: D2B

 CPR COMPLIANCE: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains

 all the information required by the CPR.

 **SECTION 16: OTHER INFORMATION**

 ABBREVIATIONS USED : N.Av. = Not Available N.Ap. = Not applicable