

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Name: EXCALIBUR GR2005
PAINT STRIPPER GRAFFITI REMOVER

WHMIS Class: Class D2B

TDG Classification: Not Regulated

Manufacturer/Supplier: Excalibur Industrial

Address: PO Box 1577
Regina, SK
S4P 3C4

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| | |
|---------------------|---|
| HEALTH | 2 |
| FLAMMABILITY | 0 |
| REACTIVITY | 0 |
| PERSONAL PROTECTION | B |

SECTION II – HAZARDOUS INGREDIENTS

| <u>Ingredients</u> | <u>CAS#</u> | <u>Wt%</u> | <u>ACGIH-TLV</u> | <u>LC₅₀</u> | <u>LD₅₀</u> |
|-----------------------------------|-------------|------------|--------------------------|------------------------|------------------------|
| d-Limonene | 5989-27-5 | 0.5 - 1.5 | Not available | 13.3 mg/L 4 h, rat | 4400 mg/kg oral, rat |
| Diethylene glycol monoethyl ether | 111-90-0 | 60 - 100 | 25 ppm TWA | Not available | 5500 mg/kg oral, rat |
| Dimethyl succinate | 106-65-0 | 3 - 7 | 10 mg/m ³ TWA | >11 mg/L 4 h, rat | >5000 mg/kg oral, rat |
| Dimethyl glutarate | 1119-40-0 | 10 - 30 | Not available | >11 mg/L 4 h, rat | 8100 mg/kg oral, rat |
| Dimethyl adipate | 627-93-0 | 3 - 7 | 10 mg/m ³ TWA | >11 mg/L 4 h, rat | >7500 mg/kg oral, rat |

SECTION III - PHYSICAL DATA

Boiling Point (°C): >190
Vapour Pressure (mm Hg): <0.2
Vapour Density (Air = 1): >1
Solubility in Water: Partially soluble
Physical State: Liquid
Appearance; Odour: Clear; slight citrus

Specific Gravity (H₂O = 1): 1.01
% Volatile (Wt %, 105°C): 98
Evaporation Rate (Ether = 1): <0.02
pH (100%): 7.00
Viscosity: Viscous
Odour Threshold (ppm): Not available

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Not flammable by WHMIS criteria.
Flash Point (°C, TCC): None **LEL:** Not applicable **UEL:** Not applicable
Hazardous Combustion Products: May include and are not limited to oxides of carbon.
Autoignition Temperature (°C): Not applicable
Means of Extinction: Treat for surrounding materials.
Special Fire Hazards: Firefighters should wear self-contained breathing apparatus.

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability: Stable.
Incompatible Materials: Acids, oxidizers, caustics.
Reactivity, and Under What Conditions: Do not mix with other chemicals.
Hazardous Decomposition Products: May include and are not limited to oxides of carbon when heated to decomposition.

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye, Skin contact, Skin absorption, Inhalation, Ingestion.

EFFECTS OF ACUTE EXPOSURE:

Eye: Causes irritation.

Skin: Causes irritation. Contains a potential skin sensitizer (d-Limonene). May be absorbed through the skin.

Inhalation: May cause respiratory tract irritation.

Ingestion: May cause stomach distress, nausea or vomiting.

EFFECTS OF CHRONIC EXPOSURE:

Skin: Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Irritancy: Hazardous by WHMIS criteria.

Respiratory Tract Sensitization: No data available.

Carcinogenicity: Non-hazardous by WHMIS criteria.

Teratogenicity, Mutagenicity, Reproductive Effects: No data available.

Synergistic Materials: Not available.

SECTION VII- PREVENTATIVE MEASURES

Gloves: Rubber gloves. Confirm with a reputable supplier first.

Eye Protection: Safety glasses.

Respiratory Protection: Not normally required if good ventilation is maintained.

Other Protective Equipment: As required by employer code.

Engineering Controls: General ventilation normally adequate.

Leak and Spill Procedure: Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Waste Disposal: Review federal, provincial, and local government requirements prior to disposal.

Storage and Handling Requirements: Keep out of reach of children. Store in a closed container away from incompatible materials.

SECTION VIII - FIRST AID

Eye: Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

Skin: Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.

Inhalation: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Do not induce vomiting. Rinse mouth with water then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

SECTION IX - PREPARATION INFORMATION

Date: 06/01/09

MSDS Prepared By: Excalibur Industrial

Telephone: 1-306-569-2781

Disclaimer

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-905-572-4400) or CSST in Montreal, Quebec (514-873-3990).

