



## Material Safety Data Sheet

### Carpet Deluxe

#### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Carpet Deluxe  
**Synonyms:** none  
**Chemical Family:** none known  
**Application:** Carpet detergent

**Manufactured By:**  
Genesis Chemicals  
602 – 13<sup>th</sup> St SE  
Medicine Hat, AB  
T1A 1X3

**Prepared by:** The Environmental, Health and Safety Department of Genesis Chemicals Ltd  
**Preparation Date of MSDS:** November 15, 2016  
**Telephone number of preparer:** 403-528-4220

**24-Hour Emergency Telephone Number (CANUTEC):** (613) 996-6666

#### 2. HAZARDS IDENTIFICATION

**Eye Contact:** May irritate eyes

**Skin Contact:** May cause slight skin irritation. Prolonged or repeated contact may cause defatting and drying of the skin.

**Inhalation:** Irritating to the nose, throat and respiratory tract. May cause coughing. May cause headache.

**Ingestion:** May cause headache, dizziness, nausea, vomiting, gastrointestinal irritation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percentage (w/w)	LD50s and LC50s Route & Species
Sodium Metasilicate 6834-92-4	<20	Oral LD50 (Rat) 622 mg/kg
2-Butoxyethanol 111-76-2	<20	Oral LD50 (Mouse) 1167 mg/kg Oral LD50 (Mouse) 1230 mg/kg Oral LD50 (Rat) 400 mg/kg Oral LD50 (Rat) 470 mg/kg Oral LD50 (Rat) 530 mg/kg Oral LD50 (Rat) 917 mg/kg Oral LD50 (Rabbit) 320 mg/kg Oral LD50 (Guinea Pig) 1200 mg/kg Dermal LD50 (Rabbit) 220 mg/kg Dermal LD50 (Rabbit) 99 mg/kg Inhalation LC50 (Rat) 450 ppm/4H Inhalation LC50 (Mouse) 700 ppm/7H Inhalation LC50 (Mouse) 3380 mg/m <sup>3</sup> /7H Inhalation LC50 (Rat) 2900 mg/m <sup>3</sup> /7H
Dodecylbenze, Calcium Salt 27176-87-0	<20	Oral LD50 (Rat) = 890 mg/kg
Poly(oxy-1,2-ethanediyl),alpha-(4-nonylphenyl)-omega-hydroxy-,branched 127087-87-0	<20	Oral LD50 (Rat) 2590 mg/kg Dermal LD50 (Rabbit) 2830 mg/kg
Tetrasodium Salt of EDTA 64-02-8	<10	Not Available

### 4. FIRST AID MEASURES

**Eye Contact:** In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

**Skin Contact:** Remove contaminated clothing and launder before reuse. Wash contaminated skin with mild soap and water for 15 minutes. Get medical attention if irritation persists.

**Inhalation:** Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

**Ingestion:** Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth if victim is rapidly losing consciousness, unconscious or convulsing. Get immediate medical attention.

**Notes to Physician:** No specific antidote. Treatment based on sound judgment of physician and individual reactions of patient.

**Flash Point:** >100 °C / >212 °F

**Flash Point Method:** Pensky-Martens Closed Cup.

**Autoignition Temperature:** Not Available

**Flammable Limits in Air (%):** Not Available

**Extinguishing Media:** Use dry chemicals, CO<sub>2</sub>, alcohol foam or water spray

**Special Exposure Hazards:** This product can produce flammable vapors which may travel to a source of ignition and flash back.

**Hazardous Decomposition/Combustion Materials (under fire conditions):** Carbon monoxide. Carbon dioxide.

**Special Protective Equipment:** Fire fighters should wear full protective clothing, including self-contained breathing equipment.

**NFPA RATINGS FOR THIS PRODUCT ARE:** HEALTH 2, FLAMMABILITY 1, INSTABILITY 0

**HMIS RATINGS FOR THIS PRODUCT ARE:** HEALTH 2, FLAMMABILITY 1, REACTIVITY 0

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautionary Measures:** Use appropriate safety equipment.

**Environmental Precautionary Measures:** Prevent entry into sewers or streams, dike if needed.

**Procedure for Clean Up:** Ventilate area. Isolate spill and stop leak where safe. Eliminate all ignition sources. Absorb with an inert dry material and place in an appropriate waste disposal container. Spilled material may cause floors and contact surfaces to become slippery.

## 7. HANDLING AND STORAGE

**Handling:** Avoid prolonged contact with eyes or prolonged skin contact. Do not ingest. Use good personal hygiene. Handle and open containers with care. Keep away from heat, sparks and flame. Use with adequate ventilation. Drum lining may occasionally chip and fall to bottom of container after long storage or excessive handling. As a precaution, pour liquid through filter/strainer to catch small pieces of liner before blending or repackaging. Keep the containers closed when not in use. Do not cut, drill, grind, weld or perform similar operations on or near containers. Partially filled containers should be blanketed with nitrogen.

**Storage:** Store in a cool, dry, well-ventilated area, away from heat and ignition sources. Place away from incompatible materials. Store in accordance with good industrial practices.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Engineering Controls:

Local exhaust ventilation as necessary to maintain exposures to within applicable limits.

**Respiratory Protection:** If exposure exceeds occupational exposure limits, use an appropriate NIOSH-approved respirator. Organic vapor respirator.

**Gloves:** Nitrile gloves.

**Skin Protection:** The selection of personal protective equipment varies depending upon conditions of use. Impervious clothing.

**Eyes:** Chemical goggles; also wear a face shield if splashing hazard exists.

**Other Personal Protection Data:** Ensure that eyewash stations and safety showers are proximal to the work-station location.

Ingredients	Exposure Limit – ACGIH	Exposure Limit – OSHA	Immediately Dangerous to Life or Health - IDLH
Sodium Metasilicate	Not available	Not available	Not available
2-Butoxyethanol	20 ppm (98 mg/m <sup>3</sup> ) TLV-TWA	50 ppm (240 mg/m <sup>3</sup> ) PEL-TWA	700 ppm
Dodecylbenze, Calcium Salt	Not available	Not available	Not available
Poly(oxy-1,2-ethanediyl),alpha-(4-nonylphenyl)-omega-hydroxy-,branched	Not available	Not available	Not available
Tetrasodium Salt of EDTA	Not Available	Not Available	Not Available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid.

**Color:** Purple/Red liquid

**Odor:** Characteristic

**pH:** 10.0-13.0

**Specific Gravity:** 0.95-1.05 @ 20°C

**Boiling Point:** Not Available

**Freezing/Melting Point:** Not Available

**Vapor Pressure:** <1 mm Hg @ 20°C

**Vapor Density:** Not available

**% Volatile by Volume:** Not Available.

**Evaporation Rate:** Not Available

**VOCs:** Not Available.

**Viscosity:** Not Available

**Molecular Weight:** Not Available.

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** Excessive heat, open flames and all ignition sources.

**Materials to Avoid:** Oxidizing agents.

**Hazardous Decomposition Products:** Carbon monoxide. Carbon dioxide.

## 11. TOXICOLOGICAL INFORMATION

### Principle Routes of Exposure

**Ingestion:** May cause headache, dizziness, nausea, vomiting, gastrointestinal irritation.

**Skin Contact:** May cause slight skin irritation. Prolonged or repeated contact may cause defatting and drying of the skin.

**Inhalation:** Irritating to the nose, throat and respiratory tract. May cause coughing. May cause headache.

**Eye Contact:** May irritate eyes.

**Additional Information:** Excessive exposure to 2-butoxyethanol may cause hemolysis, thereby impairing the blood's ability to transport oxygen. Prolonged and repeated contact with the skin can cause defatting and drying of the skin resulting in skin irritation and dermatitis. Repeated inhalation or ingestion may cause central nervous system and gastrointestinal disturbances.

### Acute Test of Product:

**Acute Oral LD50:** Not available.

**Acute Dermal LD50:** Not available.

**Acute Inhalation LC50:** Not Available.

### Carcinogenicity:

Ingredients	IARC - Carcinogens	ACGIH – Carcinogens
Sodium Metasilicate	Not available	Not available
2-Butoxyethanol	Group 3	Listed
Dodecylbenze, Calcium Salt	Not available	Not available
Poly(oxy-1,2-ethanediyl),alpha-(4-nonylphenyl)-omega-hydroxy-,branched	Not Available	Not available
Tetrasodium Salt of EDTA	Not Available	Not available

**Reproductive Toxicity/ Teratogenicity/ Embryotoxicity/ Mutagenicity:** Not available

## 12. ECOLOGICAL INFORMATION

### Ecotoxicological Information:

Ingredients	Ecotoxicity – Fish Species Data	Acute Crustaceans Toxicity:	Ecotoxicity – Freshwater Algae Data
Proprietary Terpene Component, Trade Secret	LC50 (Pimephales promelas) 702 mg/L	Not Available	Not Available
2-Butoxyethanol	LC50 (Lepomis macrochirus) 1490 mg/L	Not Available	Not Available
Synthetic Hydrocarbons, Non-Distillate	Not available	Not available	Not available
Poly(oxy-1,2-ethanediyl),alpha-(4-nonylphenyl)-omega-hydroxy-,branched	Not Available	Not Available	Not Available
Amines, C12-18-alkyldimethyl	Not Available	Not Available	Not Available

**Biodegradability Information (product):** Not readily biodegradable.

## 13. DISPOSAL CONSIDERATIONS

**Disposal of Waste Method:** Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations.

**Contaminated Packaging:** Empty containers should be recycled or disposed of through an approved waste management facility.

## 14. TRANSPORT INFORMATION

**DOT (U.S.):**

**DOT Shipping Name:** Not Regulated

**DOT Hazardous:** Not Regulated

**DOT UN Number:** Not Regulated

**DOT Packing Group:** Not Regulated

**DOT Reportable Quantity (lbs):** Not Available

**Note:** No additional remark.

**Marine Pollutant:** No.

**TDG (Canada):**

**TDG Shipping Name:** Not Regulated

**Hazard Class:** Not Regulated

**UN Number:** Not Regulated

**Packing Group:** Not Regulated

**Marine Pollutant:** No.

## 15. REGULATORY INFORMATION

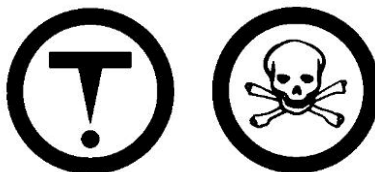
**U.S. TSCA Inventory Status:** All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

**Canadian DSL Inventory Status:** All components of this product are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.

**Note:** Not available.

**WHMIS Hazardous Class:**

D2B TOXIC MATERIALS



## 16. OTHER INFORMATION

**Additional Information:** This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

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**\*\*\*END OF MSDS\*\*\***