

SAFETY DATA SHEET

Grime & Grease Buster

SECTION 01: IDENTIFICATION

Product identifier GRIME & GREASE BUSTER
Other means of identification N/AP
Recommended use General purpose cleaner
Recommended restrictions Reserved for industrial and professional use.

Manufacturer

Company name	EXTOX Industries Inc.	Supplier's Name
Address	6419 Netherhart Rd., Mississauga, ON L5T 1C3	Supplier's Address

Emergency Tel: 1-800-501-8601

SECTION 02: HAZARD(S) IDENTIFICATION

Hazard Classification	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 1

Label elements



Signal Word Danger

Hazard Statement H315: Causes Skin Irritation.
H318: Causes Serious Eye Damage

Precautionary Statement

P264: Wash hands thoroughly after handling.
P262: Do not get in eyes, on skin, or on clothing.
P303+361+353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
P310 Immediately call a POISON CENTER or doctor/physician.
P363 Wash contaminated clothing before reuse.
P403+233: Store in a well ventilated place. Keep container tightly closed.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Concentration %
Ethoxylated Alcohol	9002-92-0	5-10
2-Butoxyethanol	111-76-2	5-10
D-Limonene	5989-27-5	5-10
Sodium Metasilicate	10213-79-3	1-5

SECTION 04: FIRST-AID MEASURES

Inhalation Remove to fresh air. Get medical attention if symptoms occur.

Skin contact Wash off immediately with plenty of water. Wash clothing before reuse.

Eye Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Ingestion Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Most important symptoms/effects, acute and delayed See Section 11 for more detailed information on health effects and symptoms.

SAFETY DATA SHEET

Grime & Grease Buster

SECTION 05: FIRE-FIGHTING MEASURES

Suitable extinguishing media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media None known.

Specific hazards arising from the chemical Not flammable or combustible.

Special protective equipment and precautions for firefighters Wear full protective equipment including a self-contained breathing apparatus.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Do not get in eyes, on skin, or on clothing. Handle in accordance with good industrial hygiene and safety practice. Spilled material may present a slipping hazard.

Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Do not get in eyes, on skin or on clothing.

Conditions for safe storage Keep containers tightly closed in a dry, cool and well-ventilated place. Avoid extreme temperatures. Keep out of the reach of children.

SECTION 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits Overall Product: None established.

Ingredient: 2-Butoxyethanol
Agency: ACGIH TLV, Limit Type: TWA 20.0 ppm
Agency: OSHA, Limit Type: PEL 240 mg/m³

D-Limonene
Agency: US. Workplace Environmental Exposure Level (WEEL) Guides
Limit Type: TWA 165.5 mg/m³, 30 ppm

Sodium Metasilicate
Agency: NIOSH
TLV not established.

Appropriate Engineering Controls Effective exhaust ventilation system.

Personal Protective Equipment Wear the following personal protective equipment: Standard glove type. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

SAFETY DATA SHEET

Grime & Grease Buster

Gloves	Vinyl or Latex
Respiratory	Not required for properly ventilated areas.
Eye	Wear eye protection/face protection.
Clothing	Where contact is likely, wear appropriate chemical resistant equipment.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Odour	Citrus odour
Physical State	Liquid
Color	Clear light orange
Odour Threshold	No data available.
pH	11.5 - 12.5
Freezing Point (°C)	No data available.
Initial Boiling Point (°C)	>100
Flashpoint (°C)	No data available.
Evaporation Rate	No data available.
Flammability	No data available.
Lower Explosive Limit	No data available.
Upper Explosive Limit	No data available.
Lower Flammability Limit	No data available.
Upper Flammability Limit	No data available.
Vapour Pressure (mm)	No data available.
Vapour Density (Air = 1)	No data available.
Relative Density	>1
Solubility	Soluble
Partition coefficient (n-octanol/water)	No data available.

SECTION 10: STABILITY AND REACTIVITY

Auto Ignition Temp. (°C)	No data available.
Decomposition Temperature	No data available.
Viscosity	No data available.
Reactivity	This material is considered to be non reactive under normal use conditions.
Chemical Stability	Stable under normal conditions.

Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	Extremes of temperature and direct sunlight.

SAFETY DATA SHEET

Grime & Grease Buster

Incompatible Materials Incompatible to strong oxidizing agents.

Hazardous Decomposition Products Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Skin Contact Eye Contact Ingestion
 Skin Absorption Inhalation

Toxicological Information Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

EYES: Causes severe irritation experienced as discomfort or pain, excess blinking and tear production, with redness and swelling of the conjunctiva.

SKIN: Brief contact may cause irritation. Prolonged contact may cause more severe irritation with pain, local redness and swelling.

INHALATION: High vapor concentrations may be irritating to respiratory tract.

INGESTION: Gastrointestinal irritation, pain, nausea, and diarrhea.

Chronic Exposure : Health injuries are not known or expected under normal use.

Toxicity

Respiratory or skin sensitization : no data available

Carcinogenicity : no data available

Reproductive effects : no data available

Germ cell mutagenicity : no data available

Teratogenicity : no data available

Numerical Measures Of Toxicity

Hazardous Ingredients	LD ₅₀ /LC ₅₀ Specify Species and Route
Ethoxylated Alcohol	LD ₅₀ (ORAL RAT) 9060 mg/kg
2-Butoxyethanol	Acute toxicity: LD50 Oral - rat - 470 mg/kg LC50 Inhalation - rat - 4 h - 450 ppm LD50 Dermal - rabbit - 220 mg/kg LD50 Intraperitoneal - rat - 220 mg/kg LD50 Intravenous - rat - 307 mg/kg
D-Limonene	Acute toxicity: LD50 Oral - rat - 5000 mg/kg, 14 days LD50 Dermal - rabbit - 5000 mg/kg, 24 hours
Sodium Metasilicate	LD50 (Oral, Rat) 1540mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity No data available

Persistence and degradability No data available.

Bioaccumulative potential No data available.

Mobility in soil No data available

Other adverse effects

SAFETY DATA SHEET

Grime & Grease Buster

Other adverse effects No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods In accordance with municipal, provincial and federal regulations.

SECTION 14: TRANSPORT INFORMATION

UN number Not regulated under TDG.

TDG Classification N/AP

Packing group N/AP

Special Shipping Instructions None

SECTION 15: REGULATORY INFORMATION

Regulatory Information This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

SECTION 16: OTHER INFORMATION

N/AP = Not Applicable

N/AV = Not Available

ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

GHS: Globally Harmonized System

HPR : Hazardous Products Regulations

IARC: International Agency for Research on Cancer

NIOSH: The National Institute for Occupational Safety and Health

NTP : National Toxicology Program

OSHA : United States Department of Labor - Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

TLV: Threshold Limit Value

TWA: Time-Weighted-Average

Prepared By: EXTOX Industries Inc.

Revision Date December 17, 2018

DISCLAIMER: The information contained herein is based on information believed to be reliable. We make no warranties, expressed or implied, and assumes no liability with any use of this information.