

SECTION 1 - PRODUCT AND COMPANY INFORMATION

Product Name: : Gum & Grease Remover
 Product Use: : Greases, glues, varnishes
 Supplier Name and Address: : Corporate Facility Supply
 7 Neilson Street
 St. Catharines, ON L2M 5V9

 Telephone: : (905) 682-8888
 Emergency Telephone: : CANUTEC (613) 996-6666

SECTION 2 - HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Physical State: Clear, liquid
GHS Classification:
 Skin Irritation: Category 2
 Eye Irritation: Category 2B
 Acute Toxicity: Category 3
GHS Label Elements:
 Hazard Pictograms



Signal Word: Danger
 Hazard Statements: H226 Flammable liquid and vapour
 H301 Toxic if swallowed
 H315 Causes skin irritation
 H320 Causes eye irritation
 H335 May cause respiratory irritation
 H336 May cause drowsiness or dizziness

Precautionary Statements: **Prevention**
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray
 P280 Wear protective gloves, eye protection
 P284 In case of inadequate ventilation wear respiratory protection
Response
 P301 + P310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P312 Call a POISON CENTRE or doctor if you feel unwell.

SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

Chemical Name	CAS-No.	Concentration [%]
Trichloroethylene	79-01-6	20-70
Light aromatic solvent naphtha	64742-95-6	20-70
2-Butoxyethanol	111-76-2	2-10

SECTION 4 - FIRST-AID MEASURES

General Advice	: Move out of dangerous area Consult a physician Show this Safety Data Sheet to the doctor in attendance
Inhalation	: Remove victim to fresh air. If symptoms persist, call a physician.
Skin Contact	: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing. Call physician immediately. Wash contaminated clothing before reuse.
Eye Contact	: IMMEDIATELY flush eyes with running water for at least 15 minutes keeping eyelids open. Call physician if irritation persists
Ingestion	: Do not give the patient anything orally. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Keep the person exposed at rest. Do not force vomiting. Seek medical attention immediately, showing the label. If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media	: Sprayed water or water mist, water with AFFF (Aqueous Film Forming Foam) additive, foam, multipurpose ABC powder, BC powder, carbon dioxide (CO2). Do not use water jet.
Specific hazards arising from the chemical	: A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke. In the event of a fire, the following may be formed: Carbon Monoxide (CO), Carbon Dioxide (CO2), various hydrocarbons, aldehydes.
Special protective actions for fire-fighters	
Additional advice	: Due to the toxicity of the gas emitted on

SAFETY DATA SHEET

Gum & Grease Remover

thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions

:Consult the safety measures listed under headings 7 and 8.

For non first aid worker:

Avoid inhaling the vapours.

Avoid any contact with the skin and eyes.

If a large quantity has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.

For first aid worker:

First aid workers will be equipped with suitable personal protective equipment (See section 8).

Environmental precautions

: Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent any material from entering drains or waterways. If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures. Use drums to dispose of collected waste in compliance with current regulations(see section 13).

Methods and materials for containment/ cleaning up Additional advice

: Clean preferably with a detergent, do not use solvents.

: None

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling

: - Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

Remove contaminated clothing and protective equipment before entering eating areas.

Avoid contact with skin, eyes and clothing.

Do not breathe vapours, fumes and fog.

- Fire prevention:

Handle in well-ventilated areas.

Vapours are heavier than air. They can spread along the ground and form mixtures that are explosive with air.

Prevent the formation of flammable or explosive concentrations in air and avoid vapour concentrations higher than the

occupational exposure limits.

Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

Prevent access by unauthorized personnel.

- Recommended equipment and procedures:

For personal protection, see section 8.

Observe precautions stated on label and also industrial

safety regulations.

Avoid inhaling vapours. Carry out any industrial operation which may give rise to this in a sealed apparatus.

Provide vapour extraction at the emission source and also general ventilation of the premises.

Also provide breathing apparatus for certain short tasks of an exceptional nature and for emergency interventions.

In all cases, recover emissions at source.

Packages which have been opened must be reclosed carefully and stored in an upright position.

- Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the mixture is used. Never open the packages under pressure.

Conditions for safe storage

: Keep out of reach of children. Keep the container tightly closed in a dry, well-ventilated place.

Keep away from all sources of ignition - do not smoke.

Keep well away from all sources of ignition, heat and direct sunlight. The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

Keep the container away from heat, bad weather, dampness and freezing.

Always keep in packaging made of an identical material to the original.

Other data

: Rinse work area after use. Avoid contamination of food.

Wash hands thoroughly after handling

SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters

: Personal protection measures, such as personal protective equipment. Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area. Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using.

Engineering Controls

: Normal building ventilation is adequate

Ensure that eyewash stations and safety showers are close to the workstation location

Personal Protective Equipment

Eye/face protection

: Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes.

Hand protection

: Gloves must be selected according to the application and duration of use at the workstation. Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Skin protection

: Avoid skin contact. Wear suitable protective clothing.

Respiratory protection

: If the ventilation is insufficient, wear appropriate breathing apparatus. When workers are confronted with concentrations that are above occupational exposure limits, they must wear a suitable, approved, respiratory protection device.

Hygiene measures

: Handle in accordance with good industrial hygiene and safety practice

When using do not eat or drink

When using do not smoke

Wash hands before breaks and at the end of the workday

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	: Clear, Colourless
Odor:	: Sweet
Odor Threshold:	: Not available
pH:	: Not available
Melting point/ freezing point:	: Not available
Initial boiling point and boiling range:	: 87 °C (189 °F)
Flash point:	: 41 °C (106 °F)
Evaporation rate:	: Not available
Flammability (solid, gas):	: Not available
Upper/lower flammability or explosive limits:	: 7% (upper); 1% (lower)
Vapour pressure:	: 100 mm Hg
Vapour density:	: Not available
Relative density (water=1):	: 1.10 - 1.13
Water solubility:	: Not applicable in water
Solubility in other solvents:	: Not available
Partition coefficient: n-octanol/water:	: Not available
Auto-ignition temperature:	: Not available
Decomposition temperature:	: Not available
Viscosity:	: As water

SECTION 10 - STABILITY AND REACTIVITY

Reactivity	: Hazardous polymerization will not occur.
Chemical Stability	: Chemically stable. Avoid heat and open flame. Incompatible with strong alkalis, strong mineral acids, strong oxidizers.
Possibility of hazardous reactions	: When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.
Conditions to avoid	: Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises. Avoid: heating, heat, accumulation of electrostatic charges, flames and hot surfaces, exposure to light, sources of ignition.
Incompatible materials	: Keep away from: acids, bases and oxidizing agents.
Hazardous decomposition products	: Hazardous decomposition products: Carbon oxides, various hydrocarbons, carbon monoxide (CO), carbon dioxide (CO ₂), various hydrocarbons, aldehyde.

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicology Data for Ingredients

Route of Entry: Skin contact, skin absorption, eye contact, inhalation, and ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Trichloroethylene	12000mg/L (rat) (4-hour exposure)	4920 mg/kg (rat)	>20 mg/kg (rabbit)
Light aromatic solvent naphtha	>3670 ppm (rat) (4-hour exposure)	5000mg/kg (rat)	>4 mg/kg (rat)
2-Butoxyethanol	550 ppm (rat) (4-hour exposure)	745 mg/kg (rat)	1250 mg/kg (rat)

Skin Corrosion/Irritation

No irritation after brief contact. Prolonged or repeated contact can result in defatting and drying of the skin, possibly causing dermatitis.

Serious Eye Damage/Irritation

May cause pain. Vapours may irritate eyes.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

Vapours may be irritating to nose throat and respiratory tract. High vapour concentrations may cause depression.

Ingestion

Moderately toxic. Ingestion of product may result in vomiting. Aspiration of vomitus into lungs must be avoided as this may result in pneumonitis.

SECTION 12 - ECOLOGICAL INFORMATION

Product Information:

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Trichloroethylene	60.00 mg/L (Oncorhynchus mykiss (rainbow trout); 48 hour)			
2-Butoxyethanol	1474 mg/L (96 hour)	1800 mg/L (Daphnia magna (water flea)) (Chronic exposure)		911 mg/L (Pseudokirchneriella subcapitata (algae); 72-hour)

Persistence and Degradability

Not available.

Bioaccumulative Potential

Not available.

Mobility in Soil

Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Product

: Waste treatment methods:

Do not pour into drains or waterways.

Waste: Waste management is carried out without endangering human health, without harming the environment and in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14 - TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG	1710	(Trichloroethylene)	6.1	III
IATA (Air)	1710	(Trichloroethylene)	6.1	III
US DOT	1710	(Trichloroethylene)	6.1	III

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15 - REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Canada

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

WHMIS classification..... this is a controlled product.

CPR compliance..... this product has been classified in accordance with the hazard.

Criteria of the CPR and the MSDS contain all the information.

Required by the CPR.

CEPA - National Pollutant Release Inventory (NPRI)

WHMIS Classification: B3, D1B, D2A, D2B

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

SECTION 16 - OTHER INFORMATION

Prepared by: Technical Services

Preparation date: September 2017

Telephone number: (905) 682-8888

NOTICE: The data and information presented herein are based upon tests, research and reports which are considered by us to be reliable and believed to be accurate. The data and information are presented without warranty, guarantee or liability on our part, and are presented to the customer for his own consideration, investigation and verification. If user requires independent information on ingredients in this or any other material, we recommend contact with Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905 572-4400)