**SAFETY DATA SHEET Page 1**

MR. JANITORIAL SUPPLIES

1125 KERRISDALE BLVD.

NEWMARKET, ON, L3Y 8W1

CANADA

905-836-4250

**PRODUCT: TOUGH STUFF ALL PURPOSE CLEANER RTU**

**SECTION 01: IDENTIFICATION**

Supplier identifier........................................... Mr. Janitorial Supplies

1125 Kerrisdale Blvd.

Newmarket , ON L3Y 8W1

CA

905-836-4250

Product identifier........................................... Tough Stuff

All Purpose Cleaner

Emergency telephone number...................... CANUTEC 24-hour number (613-996-6666).

Product use................................................... All Purpose Cleaning

**SECTION 02: HAZARD IDENTIFICATION**

HAZCOM standard status............................. While this material is not considered hazardous by the Workplace Hazardous Materials

Information System (WHMIS) 2015 requirements as defined in the Hazardous Product Act

(HPA) and the Hazardous Products Regulations (HPR), the SDS contains valuable

information critical to the safe handling and proper use of the product. The SDS should be

retained and available for employees and other users of this product.

Hazard classification..................................... Not a hazardous substance or mixture.

Signal word.................................................... None.

Hazard statement.......................................... H316 Causes mild skin irritation.

Precautionary statements.............................. P332+P313 If skin irritation occurs: Get medical advice/attention. P305+P351+P338 IF IN

EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical

advice/attention.

Other hazards................................................ None.

**SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS**

HAZARDOUS INGREDIENTS CAS # WT. %

diethylene glycol monobutyl ether 112-34-5 0.1-1

Non-hazadous and other ingredients below reportable level not available 100

**SECTION 04: FIRST-AID MEASURES**

Routes of exposure

Inhalation...................................................... Remove to fresh air. No specific treatment is necessary since this material is not likely to

be hazardous by inhalation.

Ingestion....................................................... If swallowed in large volumes, water should be consumed to dilute. Do not induce vomiting.

Never give anything by mouth to an unconscious person.

Skin contact.................................................. Wash off with soap and water. Get medical attention if irritation develops and persists.

Take off contaminated clothing and wash before reuse.

Eye contact................................................... Promptly flush with large amounts of cold water for at least 15 minutes. If irritation persists,

consult a physician.

Most important symptoms and effects, both . The most important known symptoms and effects are described in the labelling (see

acute and delayed section 2) and/or in section 11.

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**PRODUCT: TOUGH STUFF ALL PURPOSE CLEANER RTU**

**SECTION 05: FIRE-FIGHTING MEASURES**

Extinguishing media...................................... Not flammable. Use an extinguishing agent suitable for the surrounding fire.

Hazardous combustion products................... Carbon oxides. Harmful vapours. The substances/groups of substances mentioned can be

released in case of fire:.

Special protective equipment and precautions Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Sensitivity to static discharge........................ Product is not sensitive to static discharge.

Sensitivity to mechanical impact................... Product is not sensitive to mechanical impact.

Further information........................................ Not applicable.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment Avoid contact with eyes, skin, and clothing. Ensure adequate ventilation. Use personal

and emergency procedures protective equipment as required.

Environmental precautions............................ Prevent spilled material from entering the ground, water and/or air by using appropriate

containment methods.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Methods and materials for containment and For large amounts: Pump off product. For small amounts: Pick up with absorbent material

cleaning up (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance

with regulations. Contaminated absorbent material may pose the same hazards as the

spilled product .

**SECTION 07: HANDLING AND STORAGE**

Handling precautions..................................... No special measures necessary provided product is used correctly. Avoid contact with skin

and eyes. Keep container closed when not in use.

Storage needs............................................... Protect container from physical damage. Keep containers tightly closed when not in use.

Keep containers from excessive heat and freezing.

Materials to avoid.......................................... Keep away from oxidizing agents. Do not mix with other chemicals or cleaners.

**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

ACGIH TLV OSHA PEL NIOSH

INGREDIENTS TWA STEL PEL STEL REL

Non-hazadous and other not available not available not available not available not available

ingredients below

reportable level

Engineering controls...................................... No special ventilation requirements.

Individual protection measures

Eye/type....................................................... None required under normal conditions of use.

Gloves/type.................................................. None required under normal conditions of use. For prolonged exposure, use butyl rubber

gloves.

Respiratory/type........................................... Not required.

Hygiene measures........................................ Not required.

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**PRODUCT: TOUGH STUFF ALL PURPOSE CLEANER RTU**

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance................................................... liquid.

Color.............................................................. Dark Red.

Odour............................................................ Lavender.

Odour threshold............................................. no data available.

pH.................................................................. 11.1-12.1.

Melting point (ºC)........................................... not applicable.

Freezing point ( ºC)....................................... 0.

Initial boiling point ( ºC).................................. 100.

Flash point (ºC), Method................................ >100°C, closed cup.

Evaporation rate............................................ no data available.

Upper flammability limit (% vol)..................... no data available.

Lower flammability limit (% vol)..................... no data available.

Vapour pressure (mm Hg)............................. 17.5.

Vapour density (air=1)................................... > 1.

Relative density/Specific Gravity................... 1.0.

Water solubility.............................................. soluble.

Solubility in other solvents............................. no data available.

Partition coefficient — n-octanol/water.......... no data available.

Auto ignition temperature (ºC)....................... > 200 °C.

Thermal decomposition temperature............. no data available.

Viscosity........................................................ thin liquid.

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity....................................................... No hazardous reactions if stored and handled as prescribed/indicated.

Chemical stability.......................................... The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions................. No hazardous reactions when stored and handled according to instructions. The product is

chemically stable.

Conditions to avoid........................................ Do not mix with other chemicals.

Incompatible materials.................................. Strong oxidizing agents.

Hazardous decomposition products.............. Decomposition will not occur if handled and stored properly. In case of fire, oxides of

carbon (CO and CO2), fumes and smoke may be produced.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS LC50 LD50

Non-hazadous and other ingredients below reportable level not available not available

Routes of exposure

Inhalation

Ingestion

Skin contact

Eye contact

Acute effects

Acute oral toxicity......................................... Acute toxicity estimate > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after

a single ingestion.

Acute dermal toxicity.................................... LD50 (Rabbit) : > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after a single

skin contact.

Acute inhalation toxicity................................ Acute toxicity estimate : > 20 mg/l. Method: calculation method. Virtually nontoxic by

inhalation.

Skin corrosion/irritation................................. Result: slight irritation.

Serious eye damage/eye irritation................ Result: mild eye irritation.

Respiratory or skin sensitisation................... Non-sensitizing.

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**PRODUCT: TOUGH STUFF ALL PURPOSE CLEANER RTU**

Specific target organ toxicity (STOT) single Based on the available information there is no specific target organ toxicity to be expected

exposure after a single exposure.

Aspiration hazard......................................... No aspiration hazard expected.

Chronic toxicity/effects

Specific target organ toxicity (STOT) .......... No known significant effects or critical hazards.

repeated exposure

Carcinogenicity............................................. No carcinogenic substances as defined by IARC, NTP, OSHA and/or ACGIH.

Reproductive toxicity.................................... No known significant effects or critical hazards.

Germ Cell Mutagenicity................................ No known significant effects or critical hazards.

Remarks........................................................ The product has not been tested. The statement has been derived from the properties of

the individual components.

Symptoms of Exposure................................. The most important known symptoms and effects are described in the labelling (see

section 2) and/or in section 11. Further important symptoms and effects are so far not

known.

**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity..................................................... There is a high probability that the product is not acutely harmful to aquatic organisms.

Persistence and degradability....................... The inhibition of the degradation activity of activated sludge is not anticipated when

introduced to biological treatment plants in appropriate low concentrations.

Bioaccumulative potential.............................. No data available.

Mobility in soil................................................ No data available.

Other adverse effects.................................... No data available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Disposal methods

Waste disposal of substance........................ Dispose of in accordance with national, state and local regulations.

Container disposal ....................................... Dispose of in a licensed facility. Recommend crushing, puncturing or other means to

prevent unauthorized use of used containers.

**SECTION 14: TRANSPORT INFORMATION**

TDG classification......................................... Not classified as a dangerous good under transport regulations.

**SECTION 15: REGULATORY INFORMATION**

WHMIS regulatory status.............................. This product has been classified in accordance with the hazard criteria of the Canadian

Hazardous Products Regulations and the Safety Data Sheet contains all the information

required by the Hazardous Products Regulations (WHMIS 2015). Not WHMIS 2015

controlled.

**SECTION 16: OTHER INFORMATION**

Disclaimer...................................................... The information provided in this Safety Data Sheet is correct to the best of our knowledge,

information and belief at the date of its publication. The information given is designed only

as a guidance for safe handling, use, processing, storage, transportation, disposal and

release and is not to be considered a warranty or quality specification.

Prepared by: ................................................. CanChem Consultant

Preparation date............................................ AUG 17/2017