

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name TC® EnrichedLotion™ Waterless Heavy Duty Hand Cleaner
Product Number(s) 1780881, 1780882, 1782084
Product use Wipe-off hand cleaner.
Manufacturer/Supplier Rubbermaid Commercial Products LLC
3124 Valley Avenue
Winchester, VA 22601-2694
Telephone number: (540) 667-8700
Contact Person: Regulatory Manager
Emergency 24-Hour Emergency: INFOTRAC: 1-800-535-5053

2. Hazards Identification

Physical state Solid.
Appearance White cream.
Emergency overview This is a consumer care product that is safe for consumers when used according to the label directions.

Potential hazards that may occur if product is not used according to the consumer label are as follows: Direct contact with the eye may cause irritation.
OSHA regulatory status This product is not hazardous according to OSHA 29CFR 1910.1200.
Potential health effects
Eyes May cause eye irritation.
Skin Health injuries are not known or expected under normal use.
Inhalation Not applicable.
Ingestion No harmful effects expected in amounts likely to be ingested by accident.
Potential environmental effects Not expected to be harmful to aquatic organisms.

3. Composition / Information on Ingredients

Components	CAS #	Percent
C12 - 14 Isoalkanes	68551-19-9	<40
Glycerin	56-81-5	<4

Composition comments All concentrations are in percent by weight.

4. First Aid Measures

First aid procedures
Eye contact Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if symptoms persist.
Skin contact Not applicable.
Inhalation Not applicable.
Ingestion Seek medical advice.

5. Fire Fighting Measures

Flammable properties This product is not flammable or combustible.
Extinguishing media
Suitable extinguishing media Use fire-extinguishing media appropriate for surrounding materials.
Fire fighting equipment/instructions Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental Release Measures

Methods for cleaning up No special requirements. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery.

7. Handling and Storage

Handling Observe good industrial hygiene practices.

Storage Keep container closed. Keep at room temperature. Protect from freezing. Keep out of reach of children.

8. Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Glycerin (56-81-5)	TWA	10 mg/m3	Mist.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Glycerin (56-81-5)	PEL	15 mg/m3 5 mg/m3	Total dust. Respirable fraction.

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Components	Type	Value	Form
Glycerin (56-81-5)	TWA	10 mg/m3	Mist.

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Type	Value	Form
Glycerin (56-81-5)	TWA	3 mg/m3 10 mg/m3	Respirable mist. Mist.

Canada. Ontario OELs. (Ministry of Labor - Control of Exposure to Biological or Chemical Agents)

Components	Type	Value	Form
Glycerin (56-81-5)	TWA	10 mg/m3	Mist.

Canada. Quebec OELS. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

Components	Type	Value	Form
Glycerin (56-81-5)	TWA	10 mg/m3	Mist.

Mexico. Occupational Exposure Limit Values

Components	Type	Value	Form
Glycerin (56-81-5)	TWA	10 mg/m3	Mist.

Engineering controls No special requirements under ordinary conditions of use and with adequate ventilation.

Personal protective equipment

Eye / face protection No protection is ordinarily required under normal conditions of use.

Skin protection No protection is ordinarily required under normal conditions of use.

Respiratory protection No protection is ordinarily required under normal conditions of use.

9. Physical & Chemical Properties

Appearance White cream.

Color White.

Odor Citrus fragrance added.

Odor threshold Not available.

Physical state Solid.

Form Cream.

pH 7 - 9

Melting point Not available.

Freezing point	Not available.
Boiling point	Not available.
Flash point	> 205 °F (> 96.1 °C)
Evaporation rate	Not available.
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity	0.87 - 0.97 (25°C)
Solubility (water)	Slight.
Partition coefficient (n-octanol/water)	No data available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	6000 - 10000 mPa·s (25°C)

10. Chemical Stability & Reactivity Information

Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Strong acids. Strong bases.
Hazardous decomposition products	Carbon oxides.
Possibility of hazardous reactions	Will not occur.

11. Toxicological Information

Acute effects	May cause eye irritation on direct contact.
Sensitization	None known.
Chronic effects	None known.
Carcinogenicity	None known.

12. Ecological Information

Ecotoxicity	Not expected to be harmful to aquatic organisms.
Persistence and degradability	No data available.
Bioaccumulation / Accumulation	No data available.
Partition coefficient (n-octanol/water)	No data available.
Mobility in environmental media	No data available.

13. Disposal Considerations

Disposal instructions	Collect in marked containers and deliver to approved depot.
Waste from residues / unused products	Dispose of waste and residues in accordance with local authority requirements.
Contaminated packaging	Since emptied containers retain product residue, follow label warnings even after container is emptied.

14. Transport Information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

TDG

Not regulated as dangerous goods.

15. Regulatory Information**US federal regulations**

This product is not hazardous according to OSHA 29CFR 1910.1200. This material is not listed on the US TSCA 8(b) Inventory, therefore it may only be used for TSCA Exempt purposes such as R&D or Food, Drug or Cosmetic use.

CERCLA (Superfund) reportable quantity (lbs)

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)**Hazard categories**

Immediate Hazard - Yes
 Delayed Hazard - No
 Fire Hazard - No
 Pressure Hazard - No
 Reactivity Hazard - No

Section 302 extremely hazardous substance

No

Section 311 hazardous chemical

Yes

Drug Enforcement Agency (DEA)

Not controlled

Canadian regulations

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

WHMIS status

Exempt

Inventory status**Country(s) or region****Inventory name****On inventory (yes/no)***

Australia

Australian Inventory of Chemical Substances (AICS)

No

Canada

Domestic Substances List (DSL)

No

Canada

Non-Domestic Substances List (NDSL)

No

China

Inventory of Existing Chemical Substances in China (IECSC)

No

Europe

European Inventory of Existing Commercial Chemical Substances (EINECS)

No

Europe

European List of Notified Chemical Substances (ELINCS)

No

Japan

Inventory of Existing and New Chemical Substances (ENCS)

No

Korea

Existing Chemicals List (ECL)

No

New Zealand

New Zealand Inventory

No

Philippines

Philippine Inventory of Chemicals and Chemical Substances (PICCS)

No

United States & Puerto Rico

Toxic Substances Control Act (TSCA) Inventory

No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations**US - Massachusetts RTK - Substance: Listed substance**

Glycerin (CAS 56-81-5)

Listed.

US - Pennsylvania RTK - Hazardous Substances: Listed substance

Glycerin (CAS 56-81-5)

Listed.

16. Other Information**Further information**

HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings

Health: 1

Flammability: 1

Physical hazard: 0

NFPA ratings

Health: 1
Flammability: 1
Instability: 0

Disclaimer

To the best of our knowledge, the information contained herein is accurate. However no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability to assure proper use, disposal, and safety of these materials.

Issue date

09-22-2010

Revision 02: Section 1: Added product number(s). Section 9: Odor, amended to include "fragrance added".