

SAFETY DATA SHEET

Date Prepared : 04/28/2015

SDS No : W.W. Grainger Inc._Non-Ammoniated Glass Cleaner

Tough Guy Non-Ammoniated Glass Cleaner

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Tough Guy Non-Ammoniated Glass Cleaner

GENERAL USE: Glass cleaner

PRODUCT DESCRIPTION: Non-Ammoniated Glass Cleaner

CHEMICAL FAMILY: Alcohol/detergent blend

MANUFACTURED FOR:

W.W. Grainger Inc.

100 Grainger Parkway

Lake Forest, IL 60045

Customer Service: 800-472-4643

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEM-TEL (Medical and Transportation): 800-255-3924

POISON CONTROL CENTER (Medical): 800-222-1222

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

This product is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS).

GHS LABEL

HAZARD STATEMENTS

PRECAUTIONARY STATEMENT(S)

Response:

P314: Get medical advice/attention if you feel unwell.

Storage:

P404: Store in a closed container.

Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Light blue

IMMEDIATE CONCERNS: No known significant effects or critical hazards.

POTENTIAL HEALTH EFFECTS

EYES: Contact may cause mild eye irritation.

SKIN: No known significant effects or critical hazards.

SKIN ABSORPTION: No known significant effects or critical hazards.

INGESTION: No known significant effects or critical hazards.

INHALATION: No known significant effects or critical hazards.

REPRODUCTIVE TOXICITY

TERATOGENIC EFFECTS: None known.

CARCINOGENICITY: No listed substance

MUTAGENICITY: None known.

ROUTES OF ENTRY: No known significant effects or critical hazards.

CANCER STATEMENT: No listed substance

WARNING CAUTION LABELS: None

PHYSICAL HAZARDS: None Expected.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Isopropanol	0 - 3	67-63-0
Fragrance	0 - 1	N/A
Dye	< 0.1	N/A
Water	95 - 98	7732-18-5

4. FIRST AID MEASURES

EYES: Rinse with plenty of water

SKIN: Rinse with plenty of water.

INGESTION: Rinse mouth. Get medical attention if you feel un-well.

INHALATION: Seek medical attention if you feel un-well.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Slight discomfort with redness, watering eyes.

SKIN: No known significant effects or critical hazards.

INGESTION: No known significant effects or critical hazards.

INHALATION: No known significant effects or critical hazards.

ACUTE TOXICITY: None known.

CHRONIC EFFECTS: No known significant effects or critical hazards.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: NA = Not Applicable

EXTINGUISHING MEDIA: No special requirements.

EXPLOSION HAZARDS: None

FIRE FIGHTING PROCEDURES: NA = Not Applicable

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.

LARGE SPILL: Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: No known significant effects or critical hazards.

LAND SPILL: No known significant effects or critical hazards.

AIR SPILL: NA = Not Applicable

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Close container after use.

HANDLING: No special requirements.

STORAGE: Store in closed container in an area inaccessible to children.

STORAGE TEMPERATURE: Store at ambient temperatures.

STORAGE PRESSURE: Store at ambient atmospheric pressure.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Isopropanol	TWA	400	980	200	490	NL	NL
	STEL			400	960	NL	NL

ENGINEERING CONTROLS: No special requirements.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields.

SKIN: No special requirements.

RESPIRATORY: No special requirements.

PROTECTIVE CLOTHING: NA = Not Applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Lavender

ODOR THRESHOLD: Not Established

COLOR: Light blue

pH: 10.5 to 11.5

PERCENT VOLATILE: >98

FLASH POINT AND METHOD: None

FLAMMABLE LIMITS: N/A

AUTOIGNITION TEMPERATURE: NA = Not Applicable

VAPOR PRESSURE: ~ 20 mm Hg at (68°F)

VAPOR DENSITY: > 1 Air = 1

BOILING POINT: 212° F; 100° C

FREEZING POINT: 32° F; 0° C

SOLUBILITY IN WATER: Complete

EVAPORATION RATE: (Water =1) 1.0

DENSITY: 8.26 at (68°F)

SPECIFIC GRAVITY: 0.99 grams/ml.

VISCOSITY: Water thin.

(VOC): 2.800 % by weight

10. STABILITY AND REACTIVITY

REACTIVITY: Yes

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable under normal storage and use conditions.

CONDITIONS TO AVOID: None

HAZARDOUS DECOMPOSITION PRODUCTS: None Expected.

INCOMPATIBLE MATERIALS: None known.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Isopropanol	5045 mg/kg (rat)	12800 mg/kg (rabbit)	16000 ppm

EYES: Not Established

DERMAL LD₅₀: No known significant effects or critical hazards.

SKIN ABSORPTION: No known significant effects or critical hazards.

INHALATION LC₅₀: No known significant effects or critical hazards.

EYE EFFECTS: No known significant effects or critical hazards.

SKIN EFFECTS: No known significant effects or critical hazards.

CHRONIC: No known significant effects or critical hazards.

IRRITATION: Not Established

SENSITIZATION: No known significant effects or critical hazards.

NEUROTOXICITY: No known significant effects or critical hazards.

REPRODUCTIVE EFFECTS: No known significant effects or critical hazards.

MUTAGENICITY: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No known significant effects or critical hazards.

ECOTOXICOLOGICAL INFORMATION: Not Established

AQUATIC TOXICITY (ACUTE): No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Small amounts (less than 5 gallons) may be disposed of in sanitary sewer. Consult local authorities for additional disposal information.

FOR LARGE SPILLS: Consult with local and state authorities for large volume disposal.

PRODUCT DISPOSAL: See above.

EMPTY CONTAINER: Offer container for recycling, or dispose of in trash.

RCRA/EPA WASTE INFORMATION: NA = Not Applicable

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Cleaning Compound, not regulated.

U.S. CUSTOMS HARMONIZATION NUMBER: 3402.90.10.00

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: NA = Not Applicable

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **CHRONIC:** No

313 REPORTABLE INGREDIENTS: None

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: NA = Not Applicable

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: NA = Not Applicable

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All ingredients are listed on the TSCA Chemical Inventory.

STATES WITH SPECIAL REQUIREMENTS

Chemical Name	Requirements
Isopropanol	Massachusetts Right to Know Substance New Jersey Right To Know Substance Pennsylvania Right to Know Substance

CALIFORNIA PROPOSITION 65: No listed substance

CARCINOGEN: No listed substance

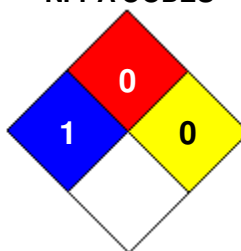
16. OTHER INFORMATION

PREPARED BY: Regulatory Affairs Department

Date Prepared: 04/28/2015

HMIS RATING

HEALTH		1
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		A

NFPA CODES

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