

SAFETY DATA SHEET

X-Tender Concentrated Glass Cleaner

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER: Griffin Bros. Inc.
P.O. Box 7719
Salem, OR 97303

INFORMATION PHONE: (800) 456-4743

For Medical and Chemical Emergencies **CHEMTREC: 1-800-424-9300**

PRODUCT NAME: X-Tender Concentrated Glass Cleaner
PRODUCT NUMBER: G-188
DATE PREPARED: 06/12/07
LAST REVISION: 04/28/2015

USES: Cleaning Windows, Mirrors,
Windshields, Headlights

RESTRICTIONS: None known

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

GHS CLASSIFICATION: Flammable Liquids (Category 4) Skin: (Category 4) Eyes: (Category 2b) Acute Toxicity Oral: (Category 5)

GHS Label elements, including precautionary statements

SIGNAL WORD: Warning **PICTOGRAM:** No Symbol

HAZARD STATEMENT(S):

H227: Combustible Liquid
H303: May be harmful if swallowed
H316: Causes mild skin irritation
H320: Causes eye irritation

PRECAUTIONARY STATEMENT(S):

P102: Keep out of reach of children
P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P262: Do not get in eyes, on skin, or on clothing
P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Range Wt. %
ISOPROPAL ALCOHOL	67630	25 – 30%
DIPROPYLENE GLYCOL METHYL ETHER	3459094	2 – 4%

4. FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.
INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
INGESTION: If swallowed, induce vomiting immediately, as directed by medical personnel. Never give anything by mouth to an unconscious or convulsing person. Get medical attention immediately.
SKIN CONTACT: Wash with soap and water. Change contaminated clothing. Get medical attention if irritation develops or persists.
AGGRAVATED MEDICAL CONDITIONS: Pre-existing eye, skin or respiratory conditions.
SUPPLEMENTAL HEALTH INFORMATION: The effects of long-term, low-level exposure to this product have not been determined. Safe handling of this material on a long-term basis should emphasize the avoidance of all effects from repetitive acute exposures.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use dry chemical foam, carbon dioxide, or water spray when fighting fires involving this material-
SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing and a NIOSH-approved self-contained breathing apparatus with full-face piece operated in a pressure positive mode.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Extinguish all nearby sources of ignition. Product is combustible.
COMBUSTION PRODUCTS: N/A

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Small spills: Mop up, wipe up or soak up immediately. Remove to out of doors. Large spills: Evacuate area. Contain liquid; transfer to closed poly containers. Keep out of water supply.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store below 120 degrees F. Follow all SDS/label precautions even after container is emptied because it may retain product residues.
OTHER PRECAUTIONS: For industrial use only. Keep away from children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Chemical Name	OSHA PEL		ACGIH TLV	
	TWA	STEL	TWA	STEL
ISOPROPYL ALCOHOL	400ppm	n/a	400ppm	n/a
DIPROPYLENE GLYCOL METHYL ETHER	100ppm	n/a	100ppm	150ppm

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION:	Wear a NIOSH/MSHA approved respirator appropriate for vapor concentration at point of use.
PROTECTIVE GLOVES:	Rubber or other impervious material
VENTILATION:	Local exhaust sufficient to keep exposure below TLV.
WORK / HYGENIC PRACTICES:	Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.
ENGINEERING CONTROLS:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
EYE PROTECTION:	Safety glasses with side shields (or goggles).
EXPOSURE GUIDELINES:	N/A
OTHER PROTECTIVE EQUIP:	Boots, apron, lab coat or coveralls of impervious material.

9. PHYSICAL AND CHEMICAL PROPERTIES:**INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:**

a) Appearance: Clear Pink or blue liquid	k) Vapor pressure (mm/hg): >15
b) Odor: Fresh Scent	l) Vapor density (Air = 1): >1
d) pH: 11.4	m) Relative density (Specific Gravity): 0.95
e) Melting point/freezing point: No data available	n) Water solubility: Complete
f) Initial boiling point and boiling range: 200°F	p) Auto-ignition temperature: n/a
g) Flash point: 185°F Method Used: TCC	r) Viscosity: No data available
h) Evaporation rate: >1	-) Pounds Per Gallon: 7.9
j) Upper/lower flammability or explosive limits: UEL: n/a LEL: n/a	OTHER: No other data is available for this product. . . .

10. STABILITY AND REACTIVITY:

STABLE: Stable
CONDITIONS TO AVOID: None
INCOMPATIBILITY: Strong Oxidizers
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: No data available.
HAZARDOUS POLYMERIZATION: Will Not Occur

11. TOXICOLOGICAL INFORMATION: None of the components of this product are listed as carcinogens. No other data available.

12. ECOLOGICAL INFORMATION: N/A

13. DISPOSAL CONSIDERATIONS:

Dilute with large amounts of water and dispose to municipal or industrial waste treatment facility in accordance with applicable regulations.

14. TRANSPORT INFORMATION:

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class	Packing Group
US DOT	NA-1993	Combustible Liquid, n.o.s. (Isopropanol)	Combustible Liquid	III

15. REGULATORY INFORMATION: No information available.

16. OTHER INFORMATION:

HMS INFORMATION:	HEALTH: 1	FLAMMABILITY: 2	REACTIVE: 0	PROTECTIVE: B
NFPA INFORMATION:	TOXICITY: 1	FIRE: 2	REACTIVITY: 0	SPECIAL: N

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