

SECTION 1. PRODUCT IDENTIFICATION

1.1 TRADE NAME (AS LABELED):

Windshield Washer Fluid Concentrate

SYNONYMS:

N/A

CAS#:

Mixture

1.2 PRODUCT USE:

Windshield cleaning

CHEMICAL SHIPPING NAME/CLASS:

Methanol / Class 3 - Flammable

U.N. NUMBER:

UN1230

1.3 NORTH AMERICA:

MANUFACTURER'S NAME:

Corcraft – New York State Department of Corrections and Community Supervision

ADDRESS:

Great Meadow Correctional Facility, Division of Industries

ADDRESS CONT:

550 Broadway Albany, NY 12204

BUSINESS PHONE:

518-436-6321 EXT 2620

WEB SITE INFORMATION:

www.corcraft.org

1.4 EMERGENCY PHONE NUMBERS:

800-467-4922 (CHEMTREC) THE CHEMTREC NUMBER IS TO BE CALLED ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT INVOLVING CHEMICALS.

DATE OF CURRENT REVISION:

September 30, 2019

DATE OF LAST REVISION:

March 25, 2015

SECTION 2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: This product is a blue liquid with a sweet alcohol odor.

Health Hazards: May be toxic to the skin, eye, or respiratory system.

Flammability Hazards: This product is a flammable liquid with a flash point of 85°F.

Reactivity Hazards: None known.

Environmental Hazards: The Environmental effects of this product have not been investigated, however release may cause adverse environmental effects.

GHS Hazard Symbol(s)



US DOT SYMBOL(S)



Signal Word: **Danger!**

2.1 GHS LABELING AND HAZARD CLASSIFICATION:

This product does meet the definition of a hazardous substance or preparation as defined by Health Canada and the OSHA (as described in 29 CFR 1910.1200(d))

Component(s) Contributing to Classification(s)

Methanol, Ethylene Glycol

2.2 LABEL ELEMENTS

GHS Hazard Classification(s):

Flammable Liquid, Category 3

STOT SE, Category 1 (Optic nerve, Central Nervous System)

Acute Toxicity, Category 3 (Dermal)

Acute Toxicity, Category 3 (Respiratory System)

Acute Toxicity, Category 3 (Gastrointestinal System)

Hazard Statement(s):

H226 Flammable liquid and vapour

H301 Toxic if swallowed

H311 Toxic in contact with skin

H331 Toxic if inhaled

H370 Causes damage to organs

Storage Statement(s):

P403+P235 Store in a well-ventilated place. Keep cool

P405 Store locked up

P233 Keep container tightly closed.

Disposal Statement(s):

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Prevention Statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking
 P233 Keep container tightly closed
 P241 Use explosion-proof electrical/ventilating/lighting equipment
 P242 Use only non-sparking tools
 P243 Take precautionary measures against static discharge
 P280 Wear protective gloves/eye protection/face protection
 P264 Wash thoroughly after handling
 P270 Do not eat, drink or smoke when using this product.
 P271 Use only outdoors or in a well-ventilated area
 P260 Do not breathe dust/fume/gas/mist/vapours/spray.

Response Statement(s):

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P370+P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
 P361+P364 Take off immediately all contaminated clothing and wash it before reuse.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
 P330 Rinse Mouth.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P308+P311 IF exposed or concerned: Call a POISON CENTER/doctor.

2.3 OTHER HAZARDS

None Applicable

SECTION 3. COMPOSITION AND INFORMATION ON INGREDIENTS

COMPOSITION	WT. PERCENTAGE	CAS#	HAZARD CLASSIFICATION
Water	56%	7732-18-5	None
Methanol	40%	67-56-1	Flam Liq Cat 2, Acute Tox Cat 3 (Oral, Dermal, Inhal) STOT SE Cat 1
Ethylene Glycol	4%	107-21-1	Acute Tox Cat 4 (Oral)
Balance of other ingredients are non-hazardous or less than 1% in concentration (< 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).			

4. FIRST-AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES:

EYE CONTACT: If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Remove contacts if present and easy to do. Seek medical attention if irritation persists.

SKIN CONTACT: Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.

INHALATION: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

INGESTION: If this product is swallowed, call physician or poison control center for treatment advice. Do not induce vomiting unless told to do so by a poison control center or physician. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. If transporting take a copy of the label and/or SDS with the victim to the health professional.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin problems may be aggravated by prolonged contact.

4.2 SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

Inhalation and ingestion of this product can result in central nervous system (CNS) impacts including nausea, headache, vomiting, dizziness, incoordination and an appearance of drunkenness. Prolonged or repeated exposure to the skin may result in drying or cracking.

4.3 RECOMMENDATIONS TO PHYSICIANS:

Treat symptoms and eliminate overexposure.

SECTION 5. FIRE-FIGHTING MEASURES

5.1 FIRE EXTINGUISHING MATERIALS:

Use fire extinguishing methods below:

Water Spray: No Carbon Dioxide: Yes
Foam: Yes Dry Chemical: Yes
Halon: Yes Other: Any "C" Class

5.2 UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

Explosion Sensitivity to Mechanical Impact: No

Explosion Sensitivity to Static Discharge: No

5.3 SPECIAL FIRE-FIGHTING PROCEDURES:

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

See Section 8.2 for Exposure Controls

6.2 ENVIRONMENTAL PRECAUTIONS:

Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils

6.3 SPILL AND LEAK RESPONSE:

Stop the flow of material, if this can be done safely. Contain discharged material. Absorb spill using an absorbent, non-combustible material such as earth, sand, or vermiculite. Place in a proper container for disposal. Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces. (see Section 13, Disposal Considerations).

SECTION 7. HANDLING and STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING:

As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Use good hygiene practices. When handling, do not eat, drink, or smoke. Handle in a well-ventilated work area.

7.2 STORAGE AND HANDLING PRACTICES:

Store in original container and locked up. Keep in a well-ventilated area in closed containers. Protect containers from physical damage.

7.3 SPECIFIC USES:

Windshield cleaning.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 EXPOSURE PARAMETERS:

Chemical Name	CAS#	ACGIH TLV	OSHA TWA
Water	7732-18-5	Not Listed	Not Listed
Methanol	67-56-1	TWA 200 ppm (260 mg/m ³)	TWA 200 ppm (260 mg/m ³)
Ethylene Glycol	107-21-1	Not Listed	Not Listed

8.2 EXPOSURE CONTROLS:

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada.

RESPIRATORY PROTECTION: Not required for properly ventilated areas. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93.

EYE PROTECTION: Safety glasses or goggles are required. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Standards of Canada.

HAND PROTECTION: Chemical resistant gloves are required to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

BODY PROTECTION: Use body protect appropriate to task being performed. If necessary, refer to appropriate Standards of Canada and U.S. OSHA 29 CFR 1910.138. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

SECTION 9. PHYSICAL and CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE (Physical State) and COLOR: Blue liquid

ODOR: Sweet Alcohol

ODOR THRESHOLD: Not Applicable

pH: 5.5-11

MELTING/FREEZING POINT: Not Available

BOILING POINT: Not Available

FLASH POINT: 85°F

EVAPORATION RATE (n-BuAc=1): Not Available

FLAMMABILITY (SOLID, GAS): Not Applicable

UPPER/LOWER FLAMMABILITY OR EXLOSION LIMITS: Not Available

VAPOR PRESSURE (mm Hg @ 20°C (68°F): Not Available

VAPOR DENSITY: Not Available

RELATIVE DENSITY: Not Available

SPECIFIC GRAVITY: 0.9

SOLUBILITY IN WATER: Soluble

WEIGHT PER GALLON: Not Available

PARTITION COEFFICENT (n-octanol/water): Not Available

AUTO-IGNITION TEMPERATURE: Not Applicable

DECOMPOSITION TEMPERATURE: Not Available

VISCOSITY: Not Available

9.2 OTHER INFORMATION:

No additional information available

SECTION 10. STABILITY and REACTIVITY

10.1 REACTIVITY:

None known.

10.2 STABILITY:

Stable under conditions of normal storage and use.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS:

Vapours may form explosive mixture with air.

10.4 CONDITIONS TO AVOID:

Heat, flames and sparks. Extremes of temperature and direct sunlight.

10.5 MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:

Strong acids, oxidizing agents, alkali metals.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS:

No data available.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

TOXICITY DATA:

No specific data available on this product.

SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE: The most significant routes of overexposure for this product are by contact with skin, eyes or respiratory system. The symptoms of overexposure are described in the following paragraphs.

ACUTE:

INHALATION: Causes mild central nervous system (CNS) depression with nausea, headache, vomiting, dizziness, incoordination and an appearance of drunkenness.

CONTACT WITH SKIN: Contact with skin not expected to cause irritation. Absorption through skin may result in symptoms noted in the Inhalation section.

EYE CONTACT: Contact with eyes may cause mild irritation.

INGESTION: Ingestion causes mild central nervous system (CNS) depression with nausea, headache, vomiting, dizziness, incoordination and an appearance of drunkenness. Coma and death, usually due to respiratory failure, may occur if medical treatment is not received.

CHRONIC: Not Available

TARGET ORGANS: **Acute:** Skin, Eyes, Respiratory System, Gastrointestinal Tract, Central Nervous System

Chronic: Not Available

SUSPECTED CANCER AGENT: Ingredients within this product, that are greater than the applicable cut-off values, are not found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, nor suspected to be, cancer-causing agents by these agencies.

IRRITANCY OF PRODUCT: This product may be irritating to skin, eyes or respiratory system.

SENSITIZATION TO THE PRODUCT: This product is not believed to be a skin sensitizer.

REPRODUCTIVE TOXICITY INFORMATION: No data available.

SECTION 12. ECOLOGICAL INFORMATION

12.1 TOXICITY:

No specific data available on this product.

12.2 PERSISTENCE AND DEGRADABILITY:

No specific data available on this product.

12.3 BIOACCUMULATIVE POTENTIAL:

No specific data available on this product.

12.4 MOBILITY IN SOIL:

No specific data available on this product.

12.5 OTHER ADVERSE EFFECTS:

This product is not expected to be harmful to plants, animals or aquatic life.

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS:

Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, and those of Canada.

SECTION 14. TRANSPORTATION INFORMATION

US DOT:

U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS: This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

14.1 UN IDENTIFICATION NUMBER:

UN1230

14.2 PROPER SHIPPING NAME:

Methanol

14.3 HAZARD CLASS NUMBER and DESCRIPTION:

Class 3 - Flammable

14.4 PACKING GROUP:

III

DOT LABEL(S) REQUIRED:

Flammable

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER: 131

14.5 ENVIRONMENTAL HAZARDS: (RQ QUANTITY):

None

MARINE POLLUTANT: The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

14.6 SPECIAL PRECAUTION FOR USER:

None

SECTION 15. REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE SUBSTANCE OR MIXTURE: UNITED STATES REGULATIONS:

U.S. SARA REPORTING REQUIREMENTS: The components of this product are subject to the reporting requirements of Sections 302, 304, or 313 of Title III of the Superfund Amendments and Reauthorization Act.

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for the components of this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.

SARA 311/312: Acute Health: Yes; Chronic Health: Yes; Fire: Yes; Reactivity: No

U.S. CERCLA REPORTABLE QUANTITY (RQ): None.

U.S. TSCA INVENTORY STATUS: The components of this product are listed on the TSCA Inventory or are exempted from listing.

OTHER U.S. FEDERAL REGULATIONS: None known.

SECTION 16. OTHER INFORMATION

HMIS Rating (Scale 0-4)

Health hazard: 3
Flammability: 3
Physical Hazard: 0

NFPA Rating (Scale 0-4)

Health hazard: 3
Flammability: 3
Physical Hazard: 0

Caution: HMIS and NFPA ratings are based on a 0-4 rating scale

0= Minimal Hazard

1= Slight

2= Moderate

3= High

4= Extreme

Abbreviations and acronyms

ACGIH	American Conference of Governmental Industrial Hygienists
CFR	Code of Federal Regulations
DOT	Federal Department of Transportation
GHS	The Globally Harmonized System of Classification and Labelling of Chemicals
HMIS	Hazardous Material Identification System
HCS	Hazard Communication Standard
IARC	International Agency for Research on Cancer
IATA	The International Air Transport Association
ICAO	The International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
LD50/LC50	Lethal Concentration/Dose, 50 percent
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health
PEL	OSHA Permissible Exposure Limit
SARA	Superfund Amendments and Reauthorization Act
TLV	ACGIH Threshold Limit Value
TWA	Time-Weighted Average
Acute Tox	Acute Toxicity
Skin Corr	Skin Corrosion



SAFETY DATA SHEET

Windshield Washer Fluid Concentrate

PREPARED BY: Chris Eigbrett – (MSDS to GHS Compliance)
DATE OF PRINTING: September 25, 2019

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. Corcraft assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Corcraft assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

END OF SDS SHEET