

Prod.Name: AC1051515 - Optikleen Windshield Washer Solvent (Part #: 10-1051515)
Manufacturer: GOLD EAGLE CO.
HMCS ID: 30052586
SUC: 02 - Solvents - Flashpoint < 100 F

MATERIAL SAFETY DATA SHEET

Revision: 06.Jan.2011
Effective: 06.Jan.2011
Print Date: 18.May.2011
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1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT INFORMATION

Product Name: AC1051515 - Optikleen Windshield Washer Solvent (Part #: 10-1051515)

External Keys:

10-1051515 Distributable Material (Part #)
1051515 Distributable Material (Part #)
Optikleen Primary Tradename - Distributable Material
12377983 Distributable Material (Part #)
12378465 Distributable Material (Part #)

MANUFACTURER INFORMATION

Manufacturer: GOLD EAGLE CO.

Address:

4400 S KILDARE AVENUE USA ILLINOIS 60632 CHICAGO MAILING

2 INGREDIENT INFORMATION

Synonyms:

AC1051515 - Optikleen Windshield Washer Solvent (Part #: 10-1051515)

Product Code: 10-1051515

FORMULATION

Chemical Characterization:

Molecular Formula: N/A

Molecular Weight: N/A

Ingredients:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Prefix</u>	<u>Value</u>	<u>Unit</u>	<u>Exposure Limits</u>
METHANOL	67-56-1	Range	80 - 90	% Wt	Yes
WATER	7732-18-5	Range	10 - 20	% Wt	No

3 HAZARDS IDENTIFICATION

Hazards Overview:

Miscellaneous: Return to top.

Specific Hazards:

Target Organs/Primary Route(s) of Entry: Eye, Skin, Ingestion, Inhalation.

Specific Hazards (Routes Of Exposure):

<u>Exposure Routes</u>	<u>Exposure Duration</u>	<u>Observation</u>
Eye contact	General	Mild irritant..
Skin Contact	General	Prolonged or repeated skin contact may cause dermatitis, scaling and possible systemic effects.
Ingestion	General	POISON - Oral human lowest lethal dose= 6.4 g/kg.
Ingestion	General	Poisonous, narcotic chemical affecting central nervous system resulting in: dizziness, nausea, visual impairment, narcosis and muscular impairment.

Medical Conditions Aggravated By Exposure:

Not provided

4 FIRST AID MEASURES

First Aid By::

Inhalation Move the exposed person to fresh air at once and call emergency medical care. If breathing has stopped, give artificial respiration. If breathing is difficult, give humidified oxygen.

Skin Contact If the product contacts the skin, promptly wash the contaminated skin with soap and water for at least 15

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4 FIRST AID MEASURES

First Aid By::

minutes. If this product penetrates the clothing, promptly remove the clothing and wash the skin with soap and water. Systemic effects may be delayed 18 to 72 hours, therefore keep individual under observation.

Eye Contact If the product contacts the eyes, immediately wash the eyes with large quantities of room temperature water for at least 15 minutes, occasionally lifting the lower and upper lids. Get medical attention immediately. A follow up visit to an ophthalmologist should be made. Contact lenses should not be worn when working with this chemical.

Ingestion If this product is ingested and the person is conscious, induce vomiting, then give 2 teaspoons of baking soda in a glass of water. DO NOT INDUCE AN UNCONSCIOUS PERSON TO VOMIT. Get medical attention immediately.

Notes To Physician:

No data available.

5 FIRE FIGHTING MEASURES

Flash Point:

= 52 °F TOC 11°C

Explosive Limits:

Lower Explosive Limit = 6.0
(LEL)

Upper Explosive Limit = 36.5
(UEL)

Autoignition Temperature:

Not Available

Extinguishing Media:

Use halon replacement or carbon dioxide extinguishers or alcohol foam for small fires. Water spray or fog can cool fire but may not be effective in extinguishing fire. Large fires should be extinguished with alcohol foam. Use water spray to cool containers exposed to fire. Containers may explode in heat or fire.

Fire and Explosion Hazards:

Unusual Fire and Explosion Hazards: Dangerous fire and explosion hazard when exposed to heat or flame. Methanol is extremely flammable and forms explosive mixtures with air. Methanol vapors may travel considerable distance to source of ignition and flash back.

Comment:

Wear NIOSH approved SCBA respirator in the positive pressure mode and chemical protective clothing specifically recommended for methanol.

6 ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES

Recovery:

Small Spill: Remove sources of heat or ignition, provide adequate ventilation, contain leak using absorbent, inert, non-combustible material.

Large Spill: Contain spill, transfer to secure containers. In the event of an uncontrolled material release, the user should determine if release is reportable under applicable laws and regulations.

7 HANDLING AND STORAGE

HANDLING

Safe Handling Procedures:

Empty containers contain product residues, assume emptied containers to have same hazards as full containers.

STORAGE

Storage Conditions:

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7 HANDLING AND STORAGE

STORAGE

Storage Conditions:

Product is flammable, keep away from sources of ignition, combustibles, oxidizing materials and acid. Store in an area equipped with automatic sprinklers or fire extinguishing system.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures:

Local Exhaust: Provide local ventilation to maintain exposure levels below recommended exposure limits. Mechanical (General): In confined spaces, mechanical ventilation may be required.

EXPOSURE LIMITS

Limit Values:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Type</u>	<u>Value</u>	<u>Specification</u>	<u>Source</u>	<u>Memo</u>
METHANOL	67-56-1	State-TWA	200ppm	-	TENNESSEE	
METHANOL	67-56-1	State-STEEL	250ppm	-	TENNESSEE	
METHANOL	67-56-1	PEL-TWA	200ppm	-	OSHA - Permissible Exposure Limits (PELs)	
METHANOL	67-56-1	GM OEG -TWA	200ppm	-	GM Occupational Exposure Guidelines (OEG)	Skin
METHANOL	67-56-1	GM OEG -STEEL	250ppm	-	GM Occupational Exposure Guidelines (OEG)	Skin
METHANOL	67-56-1	TLV-TWA	200ppm	-	Threshold Limit Values (TLVs) - ACGIH	Skin
METHANOL	67-56-1	TLV-STEEL	250ppm	-	Threshold Limit Values (TLVs) - ACGIH	Skin
METHANOL	67-56-1	State-TWA	200ppm	-	MICHIGAN	
METHANOL	67-56-1	State-STEEL	250ppm	-	MICHIGAN	
METHANOL	67-56-1	State-TWA	200ppm	-	NEW YORK	
METHANOL	67-56-1	State-STEEL	250ppm	-	NEW YORK	

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment (PPE):

Eye Protection Use splash proof chemical, safety goggles or appropriate rail-face respirator. Contact lenses should not be worn when working with this chemical.

Hand Protection Use natural rubber or neoprene gloves as required.

Respiratory Do not use air purifying respirator. Use appropriate NIOSH

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment (PPE):

Protection approved supplied or self contained respirator. Respirators must be selected based on the airborne levels found in the workplace and must not exceed the working limits of the respirator.

Skin Protection If there is a possibility of exposure of an individual's body to methanol, wear Body-covering work clothes to avoid prolonged or repeated exposure.

Hygiene Measures:

Use normal hygiene practices.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Color: Blue

Odor: Solvent

Comment:

Liquid

PHYSICAL PROPERTIES

pH Value:

Not Available

Changes of State:

Boiling Point = 148 °F 65°C

Melting/Freezing Point Not Available

Vapor Pressure:

= 97 mm Hg

Vapor Density:

= 1.1 air=1

Evaporation Rate:

Not Available

Specific Gravity:

= 0.0795

Solubility:

Water Soluble

Viscosity:

Not Available

VOC:

Theoretical VOC (by vol.) = 0 lb/gal

Total Amount Of:

Percent Solid = 0
Percent Solvent (volume) = 0
Percent Water (volume) = 0
Percent Volatile by Weight = 0
Percent Volatile by Volume Range 80 - 90

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10 STABILITY AND REACTIVITY

STABILITY INFORMATION

Stability Under Normal Conditions: Stable

Conditions to Avoid:

Store in a well ventilated place away from sources of ignition, combustibles, oxidizing materials and acid.

Incompatible Materials:

Strong oxidizing agents, aluminum, zinc, or metals that displace hydrogen, rubber and rubber based coatings, chronic anhydride, lead perchlorate and perchloric acids.

Hazardous Polymerization:

No

HAZARDOUS DECOMPOSITION

Reactions:

Type of Reaction

Reaction Products

Decomposition

Hazardous Decomposition Products: Excessive heating and/or incomplete combustion will produce carbon monoxide and toxic vapors such as formaldehyde.

11 TOXICOLOGICAL INFORMATION

CLASSIFICATION OF INGREDIENTS

Carcinogenicity:

This product does not contain any components above de minimus concentrations that are considered carcinogenic by OSHA, IARC or NTP.

Comment:

No data available.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Comment:

No data available.

13 DISPOSAL CONSIDERATIONS

Waste Disposal Information:

Dispose of product in accordance with local, state, and federal regulations. Before attempting clean up, refer to other sections of MSDS for hazard warning information.

14 TRANSPORT INFORMATION

DOT Shipping Name:

Gasoline Additive, N.O.I.

DOT Hazard Class:

Consumer Commodity, ORM-D

DOT UN Code:

None Required

Comment:

IMDG Shipping name: Dangerous Goods in Limited Quantities of Class 3.2 (Methanol), PGII.

15 REGULATORY INFORMATION

LABELLING

Hazard Codes:

NFPA Health	1
NFPA Flammability	3
NFPA Reactivity	3
HMIS Health	1

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15 REGULATORY INFORMATION

LABELLING

Hazard Codes:

HMIS Flammability 3
HMIS Reactivity 0
HMIS PPE B

NATIONAL REGULATIONS

SARA 311/312: Yes

SARA 313: Yes

Immediate Health: Yes

Delayed Health: Yes

Fire: Yes

Sudden Pressure Release: No

Reactive: No

Other Regulation:

TSCA

All ingredients are either on or exempt from the TSCA Inventory.

Section 302

None

Section 304

None

Section 313

Methanol, CAS# 67-56-1, 99.0%

CERCLA

Section 311(b)(4): Requires discharges of crude oil and petroleum products in any kind or form to waters must immediately be reported to the National Response Center at (800) 424-8802.

16 OTHER INFORMATION