

# Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard (HCS), 29 CFR 1910, 1200. Standard must be consulted for specific requirements.

HMIS SYMBOL		HMIS	NFPA	NFPA RATING	
HEALTH	1	SEVERE	4	EXTREME	FIRE 1
FLAMMABILITY	1	SERIOUS	3	HIGH	REACTIVITY 0
REACTIVITY	0	MODERATE	2	MODERATE	TOXICITY 1
		SLIGHT	1	SLIGHT	SPECIAL b
		MINIMAL	0	INSIGNIFICANT	

NE = Not Established; NA = Not Applicable	Evaluation for OSHA HCS <input type="checkbox"/> Hazardous <input checked="" type="checkbox"/> Non-Hazardous
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## I. GENERAL INFORMATION

<b>Product Name</b> EZ SHIELD	<b>Emergency Telephone Number</b> 1-800-535-5053
<b>Chemical Family</b> MIXTURE	<b>Telephone Number for Information</b> 770-479-1764
<b>Manufacturer</b> EZCHEM, Inc.	<b>Date Prepared</b> 1-1-08
<b>Manufacturer's Address:</b> 141 RAILROAD St., SUITE 117	<b>Signature of Preparer:</b> Robert Levetan
CANTON, GA 30114	<b>Date Last Revised</b>

## II. HAZARDOUS INGREDIENTS

Principal Hazardous Components	Threshold Limit Value (Units)
Isopropyl alcohol (67063-0)	400 ppm (skin)
Ethylene glycol monobutylether (111-76-2)	20 ppm

## III. PHYSICAL DATA

<b>Boiling Point</b>	~100 ° C	<b>Specific Gravity (H<sub>2</sub>O=1)</b>	0.99 – 1.0
<b>Vapor Pressure (mm Hg)</b>	NE	<b>Percent Volatile By Volume</b>	NA
<b>Vapor Density (Air=1)</b>	>1	<b>Evaporation Rate (H<sub>2</sub>O=1)</b>	<1
<b>Solubility in Water</b>	Soluble	<b>pH</b>	7-9

**Appearance & Odor:** Clear liquid with slight odor.

## IV. FIRE & EXPLOSION HAZARD DATA

<b>Flash Point (Test Method)</b> Non Flammable		
<b>Flammable Limits</b>	LEL NE	UEL NE
<b>Extinguishing Media:</b> Same as for surrounding materials		
<b>Special Fire Fighting Procedures:</b> None		
<b>Unusual Fire &amp; Explosion Hazards:</b> Containers exposed to high temperatures may boil over and boil off alcohol fumes.		

## V. HEALTH HAZARD DATA

OSHA Permissible Exposure Limit: NE	ACGIH Threshold Limit Value: NE
Carcinogen - NTP Program No	Carcinogen - IARC Program No
<b>Symptoms of Over Exposure:</b> <b>Eyes:</b> Irritating, redness, blurred vision. <b>Skin:</b> Mild irritant, drying. <b>Inhalation:</b> Respiratory irritation, headache. <b>Ingestion:</b> Gastric upset and irritation, nausea, diarrhea.	
<b>Medical Conditions Aggravated by Exposure:</b> NE <b>Primary Route(s) of Entry:</b> Skin <b>Emergency First Aid:</b> <b>Eyes:</b> Flush with water for 15 minutes, lifting both eyelids. If irritation persists, <b>Get Medical Help.</b> <b>Skin:</b> Wash off with water. Launder contaminated clothing before reuse. <b>Inhalation:</b> Remove to fresh air. <b>Ingestion:</b> drink two glasses of water, then induce vomiting. <b>Get Immediate Medical Help.</b> Never give anything by mouth to an unconscious person.	

## VI. REACTIVITY DATA

<b>Stability</b> <input type="checkbox"/> Unstable <input checked="" type="checkbox"/> Stable	<b>Conditions to Avoid:</b> Temperatures above 120°F (49° C)
<b>Incompatibility</b>	<b>Materials to Avoid:</b> Acids. Strong oxidizing agents
<b>Hazardous Polymerization</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Conditions to Avoid:</b> NA
<b>Hazardous Decomposition Products:</b> CO, organic vapors	

## VII. ENVIRONMENTAL PROTECTION PROCEDURES

<b>Spill Response:</b> Extinguish all open flames. <u>Small spill:</u> flush to sewage. <u>Large spill:</u> Soak up on absorbent material and place in a sealable container.
<b>Waste Disposal Method:</b> Seal containers and dispose of in accordance with local and federal regulations.

## VIII. SPECIAL PROTECTION INFORMATION

<b>Eye Protection</b> Goggles if spraying	<b>Skin Protection:</b> Rubber gloves
<b>Respiratory Protection (Specific Type)</b> NA	<b>Ventilation Recommended</b> General Mechanical <input checked="" type="checkbox"/> Local Exhaust <input type="checkbox"/>
<b>Other Protection:</b> NA	
<b>Hygienic Practices in Handling &amp; Storage:</b> Wash hands after handling and before eating. Do not contaminate food or feed stuff.	
<b>Precautions for Repair &amp; Maintenance of Contaminated Equipment:</b> NA	
<b>Other Precautions:</b> Read all label precautions before using.	

## IX TRANSPORT INFORMATION

<b>Identification Number</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Class/Division</b>	Not regulated
<b>Packaging Group</b>	Not regulated