

Rev: 05.03.03

Material Safety Data Sheet

May be used to comply with
 OSHA's Hazard Communication Standard
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.



PRODUCT IDENTITY - SECTION I

PRODUCT NAME: EASY PASS CAS #: See Below MANUFACTURER: Arcal Chemicals, Inc. ADDRESS: 223 West Hampton Avenue Capitol Heights, MD 20743	EMERGENCY PHONE: Chem Trec / 800-424 -9300 REVISION DATE: 03/03/08 OTHER PHONE: 301-336-9300 FAX: 301-336-6597
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HAZARDOUS INGREDIENTS / OTHER COMPONENTS - SECTION II

MATERIAL / CAS #	%	ACGIH (TLV - TWA)	OSHA (PEL -TWA)
CITRIC ACID/ CAS # 77-92-9	<10%	-	
ISOPROPANOL/ CAS # 67-63-0	<5%	400 m/l/m^3	

PHYSICAL DATA - SECTION III

APPEARANCE Thickened, pourable liquid	ODOR Mild alcoholic	MELT POINT -	SPECIFIC GRAVITY 1.02
VAPOR DENSITY Heavier than air	% VOLATILE BY VOLUME 90%	BULK DENSITY 8.5#/gallon	BOILING POINT ~ 215° F
VAPOR PRESSURE mmHg °f ~20 mmHg/ 70° F	% SOLUBILITY (H2O) Complete		

FIRE AND EXPLOSION HAZARD DATA - SECTION IV

FLASH POINT & METHOD: 200° F Calculated	NFPA FIRE HAZARDS <table border="1"> <tr> <td>HEALTH</td> <td style="text-align: center;">1</td> </tr> <tr> <td>FLAMMABILITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td>REACTIVITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td>SPECIFIC</td> <td></td> </tr> </table>	HEALTH	1	FLAMMABILITY	0	REACTIVITY	0	SPECIFIC	
HEALTH		1							
FLAMMABILITY		0							
REACTIVITY		0							
SPECIFIC									
FLAMMABLE LIMITS :									
EXTINGUISHING MEDIA: Water									
SPECIAL FIRE FIGHTING PROCEDURES: None									
UNUSUAL FIRE AND EXPLOSION HAZARDS: None DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS: Water & carbon dioxide EMPTY CONTAINER:	4 = EXTREME 3 = HIGH 2 = MODERATE 1 = SLIGHT 0 = INSIGNIFICANT								

REACTIVITY DATA – SECTION V

STABILITY: Stable

CONDITIONS TO AVOID: Generates heat when mixed with alkalis

INCOMPATIBILITY (MATERIAL TO AVOID): Reacts with active metals such as iron, zinc, and aluminum

HAZARDOUS DECOMPOSITION BY-PRODUCTS: Under some conditions, carbon monoxide formation is possible

HAZARDOUS POLYMERIZATION: No

CONDITIONS TO AVOID:

HEALTH HAZARD DATA – SECTION VI

ROUTE(S) OF ENTRY:

INHALATION? Unlikely

SKIN? Mild irritant

INGESTION? Unlikely

HEALTH HAZARDS (ACUTE AND CHRONIC): Skin and eye irritant. Normal use requires relatively little of the products, so the hazard is minor.

CARCINOGENICITY:

NTP? No

IARC Monographs? No

OSHA? No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Vapor or mist can cause headache

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

SKIN CONTACT: Remove any contaminated clothing and wash skin thoroughly with soap & water.

INHALATION: If overcome by vapor, remove from exposure.

INGESTION: If ingested, **DO NOT INDUCE VOMITING.** Call a physician immediately.

PRECAUTIONS FOR SAFE HANDLING AND USE – SECTION VII

STEPS TO TAKE IN CASE MATERIAL IS RELEASED OR SPILLED: Neutralize with sodium bicarbonate until the bubbling stops, then flush into sewer.

WASTE DISPOSABLE METHOD: Waste should be neutralized with sodium bicarbonate until bubbling stops, then disposed of in accordance with local, state, and federal regulations.

PRECAUTIONS TO TAKE IN HANDLING AND STORING: Keep cool (room temperature) if possible, to minimize alcohol odor. Avoid use of this product in enclosed spaces without ventilation.

CONTROL MEASURES – SECTION VIII

RESPIRATORY OR BREATHING APPARATUS: Not required if ventilation is adequate.

VENTILATION: Use ventilation to minimize odor.

**Local Exhaust:
Mechanical:**

**Special:
Other:**

PROTECTIVE GLOVES: Rubber

EYE PROTECTION: Use goggles to prevent eye contact

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Not Regulated