



* C-069 *

Provided by: COMMERCE INDUSTRIAL CHEMICALS INC.
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This MSDS is being provided to your company for the purpose of supplying current health and safety information to your management and for your employees who work with this material. Please read the information on these sheets and then furnish this information to those people at your company whose responsibility it is to comply with FEDERAL and STATE RIGHT TO KNOW regulations. Also make this information available to any employee who requests it. IT IS YOUR OBLIGATION TO COMPLY WITH THIS ACT.

SECTION I - PRODUCT INFORMATION

Product: C-069
Synonyms: Solvent Blend
Chemical Family: Mixture
C.A.S. Number: None
Formula: Not Applicable

PRODUCER
COMMERCE INDUSTRIAL CHEMICALS
5611 W. Woolworth Ave.
Milwaukee, WI 53218

0-LEAST 1-SLIGHT 2-MODERATE 3-HIGH 4-EXTREME HEALTH 2
FIRE 3
REACTIVITY 0

SECTION II - INGREDIENTS

COMPOSITION

	CAS NO.	%
Hexane	110-54-3	60-80
Toluene	108-88-3	20-40

ACUTE TOXICITY DATA

<u>Acute Oral LD50</u>	<u>Acute Dermal LD50</u>	<u>Acute Inhalation LC50</u>
Not Tested	Not Tested	Not Tested

SECTION III - PHYSICAL DATA

BOILING POINT: 151-232 MELTING POINT: N/A VAPOR PRESSURE: 140
(°F) (°F) (mmHg)

SPECIFIC GRAVITY: .73 % VOLATILE BY VOL.: 100 VAPOR DENSITY: 2.9
(water=1) (air=1)

SOLUBILITY: Negligible EVAPORATION RATE: N/A
(in water) (Butyl Acetate=1)

APPEARANCE AND ODOR

Clear, colorless liquid; mild hydrocarbon odor.

* C-067 *

SECTION IV - HEALTH INFORMATION

THE HEALTH EFFECTS NOTED BELOW ARE CONSISTENT WITH REQUIREMENTS UNDER THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

GENERAL INFORMATION:

Irritation as noted below. Early to moderate CNS (Central Nervous System) depression may be evidenced by dizziness, headache, dizziness and nausea. In extreme cases, unconsciousness and death may occur.

EYE CONTACT:

Liquid is severely irritating to the eyes. High vapor concentrations are irritating to the eyes.

SKIN CONTACT:

Liquid is slightly irritating to the skin. Prolonged or repeated liquid contact can result in softening and drying of the skin which may lead to skin irritation and dermatitis.

INHALATION:

Vapors may be irritating to the nose, throat, and respiratory tract. High vapor concentrations may produce CNS (Central Nervous System) depression.

INGESTION:

Ingestion of product may result in vomiting; aspiration (breathing) of vomitus into the lungs MUST BE AVOIDED as even small quantities may result in aspiration pneumonia.

AGGRAVATION:

Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product.

SECTION V - OCCUPATIONAL EXPOSURE LIMITS

<u>OSHA PEL/TWA</u>	<u>ACGIH TLV/TWA</u>	<u>OTHER</u>
Hexane 500ppm	50ppm	
Toluene 100ppm	50ppm	

SECTION VI - EMERGENCY & FIRST AID

EYE CONTACT:

Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention.

SKIN CONTACT:

Remove contaminated clothing/shoes. Flush skin with water. Follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned.

INHALATION:

Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

INGESTION:

DO NOT INDUCE VOMITING. If vomiting occurs spontaneously, keep head below

* C-067 *

Risks to prevent aspiration of liquid into the lungs. Get medical attention.

GENERAL INFORMATION:

NOTE TO PHYSICIAN: If more than 2.0ml per kg has been ingested and vomiting has not occurred, emesis should be induced with supervision. Keep patient's head below hips to prevent pulmonary aspiration. If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before emesis, gastric lavage using a cuffed endotracheal tube should be considered.

SECTION VII - FIRE & EXPLOSION HAZARDS

FLASH POINT AND METHOD: -16°F TCC

FLAMMABLE LIMITS % VOLUME IN AIR, LOWER: 1.2 UPPER: 7.2

EXTINGUISHING MEDIA:

Use foam, CO2, or dry chemical fire fighting apparatus.

SPECIAL FIRE FIGHTING PROCEDURES & PRECAUTIONS:

DANGER! Extremely flammable.

Clear fire area of unprotected personnel and isolate. Do not enter confined fire space without full bunker gear (helmet and face shield, bunker coat, gloves and rubber boots), including a positive pressure NIOSH-approved self contained breathing apparatus. Cool fire exposed containers with water.

Water may be unavoidable as an extinguishing media, but helpful in keeping adjacent containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture.

SECTION VIII - REACTIVITY

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR

CONDITIONS & MATERIALS TO AVOID:

Avoid heat, sparks, flame and contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and unidentified organic compounds may be formed during combustion.

SECTION IX - EMPLOYEE PROTECTION

RESPIRATORY PROTECTION:

Avoid prolonged or repeated breathing of vapors.

If exposure may or does exceed occupational exposure limits (Section IV) use a NIOSH-approved respirator to prevent overexposure. In accordance with 29 CFR 1910.134 use either an atmosphere supplying respirator or an air-purifying respirator for organic vapors and particulates.

PROTECTIVE CLOTHING:

Avoid contact with eyes. Wear safety glasses or goggles as appropriate.

* C-069 *

Avoid prolonged or repeated contact with skin. Wear chemical-resistant gloves and other clothing as required to minimize contact.

ADDITIONAL PROTECTIVE MEASURES:

Use explosion-proof ventilation as required to control vapor concentrations. Air-dry contaminated clothing in a well ventilated area, then launder before reusing.

SECTION X - ENVIRONMENTAL PROTECTION

SPILL OR LEAK PROCEDURES:

DANGER! Extremely flammable.

Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking.

LARGE SPILLS: Isolate the hazard area and deny entry to unnecessary personnel. Wear appropriate respirator and protective clothing. Shut off source of leak only if safe to do so. Dike and contain. Water fog may be useful in suppressing vapor cloud; contain run-off. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand or other suitable material; place in non-leaking containers for proper disposal. Flush area with water to remove trace residue. Dispose of flush solutions as above.

SMALL SPILLS: Take up with an absorbent material and place in non-leaking containers; seal tightly for proper disposal.

WASTE DISPOSAL:

When disposing of the unused contents, the preferred options are to send to licensed recycler, or to permitted incinerators, in compliance with local, state, and federal regulations including Subtitle C of the Resource Conservation and Recovery Act. Dumping into sewers, on the ground, or into any body of water is strongly discouraged, and may be illegal. Consult

ENVIRONMENTAL HAZARDS:

Under EPA-CWA, this product is classified as an oil under section 311. Spills into or leading to surface waters that cause a stain must be reported to the National Response Center, 1-800-424-8802.

SECTION XI - SPECIAL PRECAUTIONS

Static Electricity may accumulate and create a fire hazard. Ground fixed equipment. Bond and ground transfer containers and equipment. Keep liquid and vapor away from heat, sparks, and flame. Surfaces that are sufficiently hot may ignite even liquid product in the absence of sparks or flames. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapors are gone. Vapors may accumulate and travel to ignition sources distant from the handling site. Flash-fire can result. Keep containers closed when not in use. Use with adequate ventilation.

Containers, even those that have been emptied, can contain explosive vapors. Do not cut, drill, grind, weld, or perform similar operations on or near containers.

SECTION XII - OTHER REGULATORY CONTROLS

NEEDS#
500070
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MATERIAL SAFETY DATA SHEET

PAGE 5

* C-007 *

This product is subject to the reporting requirements of the Superfund Amendments (Title III, Section 312), if threshold criteria for the components are met. It is categorized as an acute hazard, a chronic hazard and a fire hazard under Section 311/312. The components of this product are listed on the EPA/TSCA inventory of chemical substances.

The information contained herein is based on the data available to us and is believed to be correct. However, Commerce makes no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Commerce assumes no responsibility for injury arising out of the use of the product described herein.

LAST REVISED BY: Fredric Micholiski ON: 9/08/10

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PRODUCT SAFETY DEPARTMENT
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