

CP-92 Plastic and Fiberglass Parts Cleaner

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CP-92
 SAP MATERIAL NO.: 5036022 000 00B
 GENERAL OR GENERIC ID: SOLVENT BLEND
 COMPANY NAME: Cumberland Products, Inc.
 COMPANY ADDRESS: 50 Commerce Parkway
 Hodgenville, KY 42748
 COMPANY PHONE: 1-800-223-1918
 EMERGENCY PHONE: 1-800-424-9300

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient(s)</u>	<u>CAS Number</u>	<u>% (by weight)</u>
ISOBUTANOL	78-83-1	70.0 - 74.0
ALIPHATIC HYDROCARBONS (STODDARD TYPE)	64742-89-8	7.0 – 11.0

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Eye:

Can cause eye irritation. Symptoms include stinging, tearing, redness and swelling of eyes. Can injure eye tissue.

Skin:

Can cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, and drying and cracking of skin, and burns and other skin damage. Passage of this material into the body through the skin is possible, but is unlikely that this would result in harmful effects during safe handling and use.

Swallowing:

Swallowing small amounts this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

Inhalation:

Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits (See Section 8).

Symptoms of Exposure:

Signs and symptoms of exposure to this material through breathing, swallowing and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), cough, central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

Target Organ Effects:

Exposure to this material (or a component) has been found to cause kidney damage in male rats. The mechanism by which this toxicity occurs is specific to the male rat and the kidney effects are not expected to occur in humans.

Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: mild, reversible liver effects.

Developmental Information:

No data.

Cancer Information:

Based on the available information, this material cannot be classified with regard to carcinogenicity. This material is not listed as a carcinogen by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration. In studies with small numbers of animals, isobutyl alcohol caused cancer when given through a stomach tube or when injected under skin. The relevance of these findings to humans is unknown.

Other Health Effects:

No data.

Primary Route(s) of Entry:

Inhalation, skin absorption, skin contact, eye contact, ingestion.

4. FIRST AID MEASURES

Eyes:

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

Skin:

Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, seek immediate medical attention. If skin is not damaged and symptoms persist, seek medical attention. Launder clothing before reuse.

Swallowing:

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation:

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Note to Physicians:

This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity (See Section 3 – Swallowing) when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung (for example, asthma-like conditions).

5. FIRE FIGHTING MEASURES

Flash Point:

80.0 - 90.0 F (26.6 – 32.2 C) TCC

Explosive Limit:

(for component) Lower 1.0 Upper 20.0%

Auto ignition Temperature:

No data

Hazardous Products of Combustion:

May form: carbon dioxide and carbon monoxide, various hydrocarbons.

Fire and Explosion Hazards:

Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

Extinguishing Media:

Regular foam, water fog, carbon dioxide, dry chemical.

Fire Fighting Instructions:

Wear a self-contained breathing apparatus with a full-face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

NFPA Rating:

Health - 1, Flammability - 3, Reactivity - 0

6. ACCIDENTAL RELEASE MEASURES

Small Spill:

Eliminate all sources of ignition such as flares, flames (including pilot lights), and electrical sparks. Absorb liquid on vermiculite, floor absorbent material. Persons not wearing proper personal protective equipment should be excluded from area of spill.

Large Spill:

Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred. Persons not wearing proper personal protective equipment should be excluded from area of spill until clean-up has been completed. Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks).

7. HANDLING AND STORAGE

Handling:

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. All five-gallon pails and larger metal containers, including tank cars and tank trucks, should be grounded and/or bonded when material is transferred. Precautions during use: avoid prolonged or frequently repeated skin contact with this material. Skin contact can be minimized by wearing impervious protective gloves. As with all products of this nature, good personal hygiene is essential. Hands and other exposed areas should be washed thoroughly with soap and water after contact especially before eating and/or smoking. Regular laundering of contaminated clothing is essential to reduce indirect skin contact with this material. Warning. Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into vacuum equipment, may result in ignitions without the presence of obvious ignition sources. Published "auto ignition" or "ignition" temperature values cannot be treated as safe operating temperatures in chemical processes without analysis of the actual process conditions. Any use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions.

Storage:

Do not store near extreme heat, open flame, or sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection:

Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. Consult your safety representative.

Skin Protection:

Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Respiratory Protections:

If workplace exposure limit(s) of product or any component is exceeded (see exposure guidelines), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.

Engineering Controls:

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

Exposure Guidelines:

Component

ISOBUTANOL (78-83-1)

OSHA PEL 100.000 ppm - TWA

OSHA VPEL 50.000 ppm - TWA

ACGIH TLV 50.000 ppm - TWA

ACGIH TLV 250.000 ppm - STEL (Skin)

ALIPHATIC HYDROCARBONS (STODDARD TYPE) (8052-41-3)

OSHA PEL 500.000 ppm - TWA

OSHA VPEL 100.000 ppm - TWA

ACGIH TLV 100.000 ppm - TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:

(for component) 226.0 F (107.7 C)

Vapor Pressure:

(for component) 8.800 mmHg

Specific Vapor Density:

> 1.000 @ AIR = 1

Specific Gravity:

.777 - .809 @ 68.00 F

Liquid Density:

6.610 lbs/gal @ 68.00 F

.777 - .809 kg/l @ 20.00 C

Percent Volatiles:

No data

Evaporation Rate:

SLOWER THAN ETHYL ETHER

Appearance:

CLEAR AND PARTICLE FREE

State:

LIQUID

Physical Form:

HOMOGENOUS SOLUTION

Color:

WATER CLEAR

Odor:

No data

pH:

Not applicable

10. STABILITY AND REACTIVITY

Hazardous Polymerization:

Product will not undergo hazardous polymerization.

Hazardous Decomposition:

May form: carbon dioxide and carbon monoxide, various hydrocarbons.

Chemical Stability:

Stable.

Incompatibility:

Avoid contact with: strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

No data.

12. ECOLOGICAL INFORMATION

No data.

13. DISPOSAL CONSIDERATION

Waste Management Information:

Dispose of in accordance with all applicable local, state and federal regulations. Do not discharge effluent containing this product into lakes, streams, ponds or estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. For assistance with your waste management needs – including disposal, recycling and waste stream reduction, contact Ashland Distribution Company, IC&S Environmental Services Group at 800-637-7922.

14. TRANSPORT INFORMATION

DOT Information - 49 CFR 172.101

DOT Description:

PAINT RELATED MATERIAL, 3, UN1263, III

Container/Mode:

55 gal drum/truck package

NOS Component:

Not Applicable

RQ (Reportable Quantity) - 49 CFR 172.101

<u>Product Quantity (lbs)</u>	<u>Component</u>
6869	ISOBUTANOL

