



MATERIAL SAFETY DATA SHEET

ITWC, Inc.
P.O. Box 247
106 South Main Street
Malcom, IA 50157

Phone: (641)-528-3000
Fax: (641)-528-5403
Toll Free: (888)-489-2462
www.itwcinc.com

1. PRODUCT IDENTIFICATION

PRODUCT NAME: IS-20769B

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS NUMBER	%	EXPOSURE LIMITS OSHA PEL / ACGIH TLV
Propanoic acid, 2-methyl-, 2,2-dimethyl-1-(1-methylethyl)-1,3-propanediyl ester	6846-50-0	<60	Not established/ Not established

This product contains no hazardous ingredients as defined under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

3. HEALTH HAZARD DATA

ROUTES OF ENTRY:

INHALATION? Yes.
SKIN CONTACT? Yes
EYE CONTACT? Yes
INGESTION? Yes.

ACUTE HEALTH HAZARDS:

INHALATION- Can cause irritation to respiratory tract. Symptoms may include coughing and shortness of breath.

SKIN- May cause irritation to skin. Symptoms include redness, itching and pain. Can cause skin problems. Absorption through the skin can readily occur, resulting in symptoms paralleling inhalation.

EYE- May cause irritation, redness, and pain.

INGESTION- May cause gastric disturbances.

CHRONIC HEALTH HAZARDS:

INHALATION- Repeated or prolonged exposure to vapors may cause damage to liver and kidney.

SKIN- Repeated skin contact may cause dermatitis.

EYE- May cause severe irritation and blurred vision.

INGESTION- May be fatal if large dose is ingested.

CARCINOGENICITY:

NTP (National Toxicology Program)? No.

IARC (International Agency for Research on Cancer)? No.

OSHA REGULATED? No.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

4. EMERGENCY & FIRST AID PROCEDURES

INHALATION- Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, administer oxygen (qualified medical personnel only). See medical attention immediately.

SKIN- Remove all contaminated clothing and shoes. Wash skin thoroughly with soap and water for at least 15 minutes. Wash clothing before wearing again. Clean shoes before wearing again. If irritation develops or persists, consult a physician.

EYE- Flush with large amounts of water for at least 15 minutes, using fingers to hold eyelids open to insure that the eyes are being irrigated. Consult a physician if ill effects or irritation occurs.

INGESTION- Give two glasses of water for dilution. Never give anything by mouth to an unconscious person. Induce vomiting. Get medical attention immediately.

5. FIRE & EXPLOSION HAZARD DATA

FLASH POINT (Method Used): 136°F (58°C) Pensky Martens Closed Cup

FLAMMABLE LIMITS:

LEL (Lower Explosion Limit)= Not established.
UEL (Upper Explosion Limit)= Not established.

EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical, water.

SPECIAL FIRE FIGHTING PROCEDURES: Evacuate area. Fight fire from a safe distance. Fire-fighters should wear full emergency equipment with self-contained breathing apparatus and full protective clothing. Use cold water spray to cool fire-exposed containers to minimize risk of rupture.

UNUSUAL FIRE & EXPLOSION HAZARDS: None reported.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

- Stop the spill or leak.
- Contain or dike the spilled product.
- Evacuate spill area and keep nonessential or unprotected personnel away.
- Equip clean-up personnel with necessary personal protective equipment (see Section VIII-Control Measures).
- Prevent spilled material from entering soil, sewers, surface water, ground water, streams, or any other bodies of water.
- Retain any contaminated water for removal and treatment.
- Absorb small spills with inert material (e.g. dry sand, earth, chemical absorbent, etc.).
- Scoop up absorbed material and absorbent and place in an approved chemical waste container.
- Large spills may be taken up with pump or vacuum & then finished off with dry absorbent.
- Report spill per regulatory requirements.

7. HANDLING & STORAGE INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING: Protect against physical damage. Store in a cool, dry well-ventilated location, away from any area where the fire hazard may be acute. Outside or detached storage is preferred. Separate from incompatibles. Containers should be bonded and grounded for transfers to avoid static sparks. Storage and use areas should be NO SMOKING areas.

OTHER PRECAUTIONS: none known.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstances such as poorly ventilated spaces, evaporation from large surfaces, spraying, heating, etc.

RESPIRATORY PROTECTION: If engineering controls do not maintain airborne concentrations to an acceptable level, an approved respirator must be worn.

SKIN PROTECTION: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

EYE PROTECTION: Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety showers and eyewash stations should be readily available and in working condition.

WORK/HYGIENIC PRACTICES: Wash hands, forearms, and face thoroughly after handling product and before eating, smoking, using lavatory, and at the end of the day. Educate and train employees in safe use of product. Follow all label instructions.

9. PHYSICAL PROPERTIES

<i>APPEARANCE (physical form, color, texture, etc.)</i>	Low color liquid
<i>ODOR:</i>	Slight
<i>MELTING POINT:</i>	Not determined.

<i>BOILING POINT:</i>	Not determined.
<i>VAPOR PRESSURE (mm Hg):</i>	Not determined.
<i>VAPOR DENSITY (Air = 1)</i>	Not determined.
<i>SPECIFIC GRAVITY (H₂O = 1):</i>	Not determined.
<i>EVAPORATION RATE (Butyl Acetate = 1):</i>	Not determined.
<i>SOLUBILITY IN WATER:</i>	Not determined.

10. STABILITY & REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID (if unstable): Not Noted.

INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing materials and isocyanates.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: By fire – CO and CO₂ and other aliphatic fragments which have not been determined.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID (if polymerization may occur): Not Applicable

11. TOXICOLOGICAL INFORMATION

No data

12. ECOLOGICAL INFORMATION

No data

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with applicable federal, state, and local regulations.

14. TRANSPORTATION INFORMATION

DOT Regulations

Hazard Class: Non-regulated

Land transport ADR/RID (cross border)

ADR/RID Class: Non-regulated

Maritime transport IMDG:

IMDG Class: Non-regulated

Air transport ICAO-IT and IATA-DGR:

ICAO/IATA Class: Non-regulated

15. REGULATORY INFORMATION

RCRA STATUS:

To the best of our knowledge, if discarded in its purchased form, this product would not be considered a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the user of products to determine, at the time of disposal, whether a product meets any of the criteria for a hazardous waste. This is because product uses, transformations, mixtures, processes, etc., may render the resulting material hazardous, under the criteria of ignitability, corrosivity, reactivity, and toxicity (40 CFR 261.20-24).

OSHA HAZARD COMMUNICATION STATUS: This product is considered hazardous as defined under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

US INVENTORY (TSCA): The ingredients of this product are listed on the TSCA inventory or are not required to be listed on the TSCA inventory.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA), TITLE III:

Sections 301-303 – Emergency Planning - Extremely Hazardous Substances:

None.

Section 304 – Emergency Release Notification – Reportable Substances:

None.

Section 311/312 – Community Right-to-Know Reporting Requirements - Emergency Hazard Categories:

None

Section 313 – Toxic Chemical Notification & Release Inventory Reporting – Listed Substances:

None.

This information must be included in all MSDSs that are copied and distributed for this material.

16. OTHER INFORMATION

HMIS RATINGS:

HEALTH	<i>2</i>	FLAMMABILITY	<i>1</i>	REACTIVITY	<i>0</i>
---------------	----------	---------------------	----------	-------------------	----------

(0=Minimal; 1=Slight; 2=Moderate; 3=Serious; 4=Severe)

PREPARED BY: ITWC Compliance Dept. (lrt)

APPROVED BY: ITWC Director of Technical Service. (sf)

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of ITWC, Inc. The data on this sheet relates only to the specific material designated herein. ITWC, Inc. assumes no legal responsibility for use or reliance upon these data.

Visit our website at www.ITWCINC.com or call (888)-489-2462