


Safety Data Sheet

| Section 1 - Product Information | | | | | |
|--|------------------------------|---|---|---|---|
| Product Name: f.c. 45 | | | Supplier: Intercon Chemical Company | | |
| Product Code Number: 0665 | | Information Phone: 1-314-771-6600 | | Address: 1100 Central Industrial Drive St. Louis, MO 63110 | |
| Product use: | Concentrated Freezer Cleaner | Emergency Contact: CHEMTREC 1-800-424-9300 | | | |
| Section 2 - Hazard Identification | | | | | |
| GHS Classification: Flammable Liquid Category 3 | | | | | |
| Section 2.1 - Label Elements | | | | | |
| Hazard Pictograms  | | Precautionary Statements: | | | |
| Signal Word: Warning | | Keep container tightly closed. Keep away from heat - No smoking | | | |
| | | Wear protective gloves and eye protection. Use explosion proof electrical equipment. Take precautionary measures against static discharge. Use only non-sparking tools. | | | |
| Hazard Statements: Flammable liquid and vapor | | In case of fire, use water spray or fog, foam, dry chemical, carbon dioxide, alcohol foam for extinction. | | | |
| | | If ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower. | | | |
| | | Store in a cool/well-ventilated place. | | | |
| | | Dispose of contents in accordance with federal, state and local regulations. | | | |
| Section 3 - Composition | | | | | |
| Chemical Name | | CAS # | | Percent w/w | |
| Isopropanol | | 67-63-0 | | < 5 | |
| 3-methoxy-3-methyl-1-butanol | | 56539-66-3 | | < 3 | |
| | | | | | |
| | | | | | |
| Section 4 - First Aid Measures | | | | | |
| If ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower. | | | | | |
| Eyes: In case of eye contact, rinse with plenty of water and seek medical attention immediately | | | | | |
| Inhalation: Remove to fresh air | | | | | |
| Ingestion: Give milk or water to dilute material; DO NOT induce vomiting. Avoid alcohol. Call a POISON center or doctor. | | | | | |
| | | | | | |
| Section 5 - Fire and Explosion Hazard Data | | | | | |
| Flash Point: | Limits | | Extinguishing Media: | | Special Fire Fighting Procedures: |
| 121 °F | LEL | NA | In case of fire, use water spray or fog, foam, dry chemical, carbon dioxide, alcohol foam for extinction. | | Avoid exposure to fumes or vapors. |
| | UEL | NA | | | Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV. |
| | | | UNUSUAL FIRE & EXPLOSION HAZARD: Use water spray to cool adjacent fire exposed containers. Product may splatter if temperature exceeds boiling point. | | |
| Section 6 - Accidental Release Measures | | | | | |
| Mop up spills and flush to sewers with plenty of water. Floors may be slippery, use care to avoid falls. | | | | | |
| Section 7 - Handling and Storage | | | | | |
| For institutional and industrial use only, not intended for consumer use. Store upright in original closed container. Keep container tightly closed. Keep away from heat - No smoking Use explosion proof electrical equipment. Take precautionary measures against static discharge. Use only non-sparking tools. | | | | | |
| Section 8 - Exposure Controls/PPE | | | | | |
| Ingredient | OSHA PEL: | ACGIH TLV | PPE | | General Hygiene Considerations: |
| isopropanol | 400ppm | 400ppm | Respiratory: | not normally required | Handle in accordance with good industrial hygiene and safety practices. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard. |
| 3-methoxy-3-methyl-1-butanol | None listed | None listed | Eye: | safety glasses | |
| | | | Skin: | water proof gloves | |
| | | | Ventilation: | Normal room ventilation | |

Section 9 - Physical and Chemical Properties

| Appearance | odor | odor threshold | pH | Melting Point | Boiling point | Evaporation rate | flashpoint | Upper/lower flammability limits | Vapor pressure |
|------------------|-------------------|------------------|-------------|---------------|-----------------------|--------------------|------------|---------------------------------|----------------|
| colorless liquid | characteristic | NE | 6.02 | NE | 212°F | NE | 121°F | NA/NA | NE |
| Vapor Density | Density (lbs/gal) | Specific Gravity | pH(use dil) | Solubility | Partition coefficient | Auto Ignition temp | Viscosity | Decomposition Temp | |
| NE | 9.08 | 1.09 | NA | complete | NE | NA | thin | NE | |

Section 10 - Stability and Reactivity

Product is stable. Hazardous polymerization will not occur. It is incompatible with strong oxidizing agents. If burned normal combustion products such as Carbon Dioxide, Carbon Monoxide and Nitrous Oxides may occur.

Section 11- Toxicological Information

| Ingredient | Acute toxicity(oral LD50) rat | Acute toxicity(derm. LD50)rabbit | Skin and Eye | Carcinogen | Mutagen | Reproduct. Toxicity | STOST -single Exposure | STOST Repeated exposure |
|------------------------------|-------------------------------|----------------------------------|--------------|------------|---------|---------------------|------------------------|-------------------------|
| isopropanol | >5000mg/kg | no effect | irritation | no info | no info | no info | no info | no info |
| 3-methoxy-3-methyl-1-butanol | no data | no data | no data | none | none | none | none | none |
| | | | | | | | | |

Other:

Section 12 - Ecological Information

No information available

Section 13 - Disposal Considerations

Dispose of in accordance with applicable Federal, State and Local regulations.

Section 14 - Transport Information

| UN number | Basic Description(DOT) | Class | Packing Group | LTD QTY |
|-----------|----------------------------------|-------|---------------|---------|
| | Cleaning Compound, Not Regulated | | | |

Section 15 - Regulatory Information

SARA TITLE III (EPCRA) NOTIFICATION: ISOPROPYL ALCOHOL [Reportable under section 313 and section 6607 of the Pollution Prevention Act]

CERCLA: Does not contain chemicals subject to reporting under CERCLA. For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68

Section 16 - Other Information

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|----------------|------------|--|------------------|-----------|-------|--------|
| | | | HMIS: Health - 1 | Flam. - 0 | R - 0 | PPE- B |
| Date Prepared: | 10/31/2018 | Prepared by: Environmental, Health and Safety Administrator. | | | | |

The information provided in this Safety Data Sheet is correct to the best of our knowledge and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with materials or in any process, unless specified in the text.

Legend for Abbreviations: NA - not applicable NE - Not Established