Hexachloroethane
Safety Data Sheet

1. Product and Company

Product name: Hexachloroethane

Synonym: Carbon Hexachloride, Perchloroethane

CAS-No.: 67-72-1

Company: Hummel Croton Inc.
10 Harmich Rd.
South Plainfield, NJ 07080

Telephone: 908-754-1800
Fax: 908-754-1815

Emergency telephone number

Emergency Phone #: Chemtrec US: 800-424-9300
ChemTel International: +1-813-248-0585

2. Hazards

GHS Classification
Skin irritant (Category 2), H315
Eye irritant (Category 2), H319
Specific target organ toxicity – single exposure (Category 3a), H335
Carcinogenicity (Category 2), H351
Aquatic toxicity, chronic (Category 1), H410

GHS Label elements

Pictogram(s)

Signal word WARNING
Hazard statement(s)

H315  Causes skin irritation.
H319  Causes serious eye irritation.
H335  May cause respiratory irritation.
H351  Suspected of causing cancer.
H410  Very toxic to aquatic life with long lasting effects

Precautionary statement(s)

P261  Avoid breathing dust/fume/gas/mist/vapours/spray.
P273  Avoid release to the environment.
P281  Use personal protective equipment as required
P302 + P352  IF ON SKIN: Wash with plenty of soap and water.
P304 + P340  IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Hazards not otherwise classified (HNOC) or not covered by GHS

None.

3. Composition/Ingredients

Substance
Formula:  C_2Cl_6
Molecular weight:  236.74 g/mol
CAS-No.:  67-72-1

<table>
<thead>
<tr>
<th>Material</th>
<th>CAS</th>
<th>%</th>
<th>OSHA</th>
<th>ACGIH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hexachloroethane</td>
<td>67-72-1</td>
<td>100%</td>
<td>1 ppm (Skin)</td>
<td>1 ppm (Skin)</td>
</tr>
</tbody>
</table>

4. First Aid

First Aid For Eye: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

First Aid For Skin: In case of contact, flush skin with water. Wash clothing before reuse. Call a physician if irritation occurs.

First Aid For Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

First Aid For Ingestion: If swallowed, call a physician immediately.

5. Fire Data

Flammability: Non-Flammable
Flash Point: Not Applicable
Auto Ignition: Not Applicable
Flammable Limits: Not Applicable
Extinguishing Media: Spray, carbon dioxide, dry chemical powder, or appropriate foam.
Fire Fighting Procedure: Firefighters should wear full protective clothing and self-contained breathing apparatus to avoid contact with skin and eyes.
Fire/Explosion Hazards: Emits toxic fumes under fire conditions.

6. Accidental Release
Spill Or Leak Procedures: Utilize recommended protective clothing and equipment. Clean spills in a manner that does not disperse dust into the air. Spill area can be washed with water. Collect wash water for approved disposal. Keep from entering water or ground water.

7. Handling And Storage
Storage Temperatures: Store at ambient temperature
Shelf Life: Unlimited in tightly sealed container
Special Sensitivity: None.
Handling/Storage Precautions: Avoid breathing dust. Avoid getting in eyes or on skin. Wash thoroughly after handling. Store in a dry place away from direct sunlight, heat and incompatible materials. Reseal containers immediately after use. Store away from food and beverages.

8. Exposure Controls/Personal Protection
Eye Protection: Safety glasses or goggles.
Skin Protection: PVC gloves with impervious boots, apron or coveralls. Wash hands and face before eating, drinking or using tobacco.
Respirator: Work ambient concentrations should be monitored and if the recommended exposure limit is exceeded, a NIOSH/MSHA approved dust respirator must be worn.
Ventilation: Use local ventilation if dusting is a problem, to maintain air levels below the recommended exposure limit.
Additional Measures: Emergency showers and eye wash stations should be available. Educate and train employees in the safe handling of hazardous chemicals.

9. Physical And Chemical Properties
Physical Form: Crystals
Color: White
Odor: Camphor like odor
Molecular Weight: 236.74 g/mol
Boiling Point: Triple point 186.7°C
Melting/Freezing Point: Triple point 186.7°C
Solubility In Water: Insoluble
Specific Gravity: 2.091

10. Stability And Reactivity
Stability: Stable.
Hazardous Polymerization: Will not occur.
Incompatibilities: Strong oxidizing agents and strong bases.
Instable Conditions: Excessive temperatures (see incompatibilities).
Decomposition Temperature: Sublimes above 186.7°C
Decomposition Products: Carbon monoxide, carbon dioxide, hydrogen chlorine gas, phosgene gas.

11. Toxicological Information

RTECS Number: KI4025000
Routes Of Exposure: Eye contact. Ingestion. Inhalation. Skin contact.
Toxicity Data: ORL-RAT LD50: 4460 mg/kg IPR-MUS LD50: 4500 mg/kg SKN-RBT LD50: 32 mg/kg
Chronic Toxic Effects: CARCINOGEN, Damage To The Liver. May Cause Nervous System Disturbances.
Acute Toxic Effects: Irritating to the skin and eyes on contact. Inhalation will cause irritation to the lungs and mucus membrane Irritation to the eyes will cause watering and redness. Reddening, scaling, and itching are characteristics of skin inflammation Follow safe industrial hygiene practices and always wear protective equipment when handling this compound.

12. Ecological Information

Ecotoxicity: Not available at this time.

13. Disposal Considerations

Waste Disposal Method: Waste disposal should be in accordance with existing federal, state and local environmental regulations.

14. Transportation Information

Proper Shipping Name: Toxic Solid, Organic, N.O.S. (Hexachloroethane)
UN Number: 2811
Class: 6.1
P.G.: III
Label Code: 6.1
Reportable Quantity: RQ100(45.5)

15. Regulatory Information

OSHA Status: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.
TSCA Chemical Inventory: This compound is on the EPA Toxic Substance Control Act (TSCA) Inventory List
California Proposition 65: To the best of our knowledge, this product contains no levels of listed substances, which the State of California has found to cause cancer, birth defects or other reproductive effects.
SARA 313 Title III:
   Section 320 Extremely Hazardous Substances: None
   Section 311/312 Hazardous Categories: None
   Section 313 Toxic Chemicals: Yes
16. Other Information

Prepared By: Michael Richard
Date: March 21, 2018
Reason For Issue: Emergency Contact Update

No warranty, expressed or implied, or merchantability, fitness for a particular purpose or otherwise is made, except that the products herein discussed comply with the chemical description on the labels. Buyer assumes risks of the use, storage and handling. Hummel Croton shall not be liable for any incidental or consequential damages arising directly or indirectly in connection with the purchase, use, storage or handling of this product. The information contained herein is, to the best of our knowledge, true and accurate. However, all recommendations or suggestions are made without guarantee, since the conditions of use are beyond our control. We disclaim any liability incurred in connection with the use of these data or suggestions. This information is not to be taken as a license to operate under, or a recommendation to infringe any patent(s). The observance of all regulations and patents is the responsibility of the user. No agent, representative or employee of this company is authorized to vary any items of this notice.