

## SAFETY DATA SHEET

### SECTION I: IDENTIFICATION

**Product:** CT 6006

**Description:** Barrier Agent / Asphalt Release Agent

**Company Identification:** Chemtech, Inc.  
1621 N. 1st St.  
Winterset, IA 50273  
Phone: 888-570-5333  
Website: www.chemtechus.com



**Company Emergency Telephone Number:** CHEMTREC 1-800-424-9300

### SECTION II: HAZARD(S) IDENTIFICATION

#### GHS CLASSIFICATION

**Skin Corrosion/Irritation:** Category 2

**Eye Damage/Eye Irritation:** Category 2A

#### GHS LABEL ELEMENTS

**Signal Word:** Warning

**Hazard Pictogram:**



**Hazard Statements:** Causes skin irritation. - H315  
Causes serious eye irritation. - H319

#### PRECAUTIONARY STATEMENTS

**Prevention:** Wear protective gloves/protective clothing/eye protection/face protection. - P280  
Wash hands thoroughly after handling. - P264

**Response:** IF ON SKIN: Wash with plenty of soap and water. - P302+352  
Take off contaminated clothing and wash before reuse. - P362+364  
If skin irritation occurs: Get medical advice/attention. - P332+313

**Eyes:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical advice/attention. - P305+351+338+313

**Skin:** IF ON SKIN: Wash with plenty of water for 15 minutes. - P302+352  
If skin irritation or a rash occurs: Get medical advice/attention. - P333+313

**Inhalation:** IF INHALED: Move person to fresh air and keep comfortable for breathing. - P304+340

**Ingestion:** IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. - P301+312

**Spill:** Absorb spillage to prevent material damage. - P390

**Storage:** Not applicable.

**Disposal:** Not applicable.

Hazards Not Classified: Not applicable.

### SECTION III: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Weight - %
Water	7732-18-5	87-92%
Proprietary Ingredient	N/A	8-13%

Specific chemical identity and/or exact percentage of mixture has been withheld as a trade secret.

### SECTION IV: FIRST AID MEASURES

- Eyes:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.
- Skin:** Flush contaminated skin with plenty of water. Continue to rinse for at least 20 minutes. Get medical attention. Wash contaminated clothing before reuse. Clean shoes thoroughly before reuse.
- Inhalation:** Move victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Ingestion:** Wash out mouth with water. Remove dentures if any. Move victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Note to Physician:** In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. No specific treatment. No action should be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

### SYMPTOMS OF EXPOSURE

- Eye Contact:** Causes serious eye irritation. Over exposure may cause symptoms including pain or irritation, watering and redness.
- Skin Contact:** Causes skin irritation. Symptoms include irritation and redness.
- Inhalation:** Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. No known significant effects or critical hazards.
- Ingestion:** May be irritating to mouth, throat and stomach.

### SECTION V: FIRE-FIGHTING MEASURES

- Suitable Extinguishing Media:** Use extinguishing agent suitable for type of surrounding fire.
- Unsuitable Extinguishing Media:** None known.
- Specific Hazards from the Chemical:** No specific fire or explosion hazard.
- Decomposition Products:** May include carbon dioxide, carbon monoxide.

**Protective Equipment / Precautions for Firefighters:** No special measures are required. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode.

## **SECTION VI: ACCIDENTAL RELEASE MEASURES**

### **PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

**For Non-Emergency Personnel:** No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate protective equipment.

**For Emergency Responders:** If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information above in "For Non-Emergency Personnel".

**Environmental Precautions:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### **METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP**

**Spill:** Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into effluent treatment plant or proceed as follows: Contain and collect spillage with non-combustible, absorbent material (sand, earth, vermiculite or diatomaceous earth) and place in container for disposal according to federal, state and local regulations. Dispose of via licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. See Section 1 for emergency contact information.

## **SECTION VII: HANDLING AND STORAGE**

**Protective Measures:** Wear appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternate made from compatible material. Keep tightly closed when not in use. Empty container retains product residue and can be hazardous. Do not reuse container.

**Advice on General Occupational Hygiene:** Eating, drinking and smoking should be prohibited in areas where this material is handled, stored or processed. Workers should wash hands and face before eating, drinking or smoking. See Section 8 for additional information on hygiene measures.

**Conditions for Safe Storage, Including any Incompatibilities:** Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see Section 10), food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## **SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Occupational Exposure Limits:** None established.

**Engineering Controls:** Good general ventilation should be sufficient to control exposure to airborne contaminants.

**Environmental Controls:** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**Hygiene Measures:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, using the lavatory and at the end of the work period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/Face Protection:** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dust. If contact is possible, CHEMICAL SPLASH GOGGLES should be worn, unless the assessment indicates a higher degree of protection.

**Hand Protection:** Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for the different glove manufacturers. In the case of mixtures consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body Protection:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other Skin Protection:** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory Protection:** Use properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance / Color	Liquid / Dark Amber
Odor	Mild
pH	9.0
Melting Point / Freezing Point	No information available
Boiling Point / Boiling Range	212 <sup>o</sup> F
Flash Point	> 100 <sup>o</sup> C / > 212 <sup>o</sup> F
Evaporation Rate	No information available
Flammability (Solid, gas)	No information available
Upper Flammability Limit	No information available
Lower Flammability Limit	No information available
Vapor Pressure	No information available
Vapor Density	No information available
Specific Gravity	1.01
Solubility(ies)	No information available
Partition Coefficient	No information available
Autoignition Temperature	No information available
Decomposition Temperature	No information available
Viscosity	No information available

**SECTION X: STABILITY AND REACTIVITY**

**Reactivity:** No specific test data related to reactivity available for this product or its ingredients.

**Chemical Stability:** The product is stable.

**Possibility of Hazardous Reaction:** Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to Avoid:** No specific data.

**Incompatible Material:** Reactive or incompatible with oxidizing materials.

**Hazardous Decomposition:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION XI: TOXICOLOGICAL INFORMATION**

**NUMERICAL MEASURES OF TOXICITY**

**Acute Toxicity Estimates (ATE):**                    **ATEmix (oral):**                    > 2,000 mg/kg  
**ATEmix (dermal):**                    > 2,000 mg/kg

**INFORMATION ON TOXICOLOGICAL EFFECTS**

**Component Acute Toxicity:**

Chemical Name	Oral LD50	Dermal LD50
Proprietary Ingredient	> 5,000 mg/kg (Rat)	> 2,000 mg/kg (Rabbit)

**Likely Routes of Exposure:** Dermal contact, eye contact, inhalation, ingestion.

**SYMPTOMS OF EXPOSURE**

**Eye Contact:** Causes serious eye damage, pain or irritation, redness, watering.

**Skin Contact:** Causes skin irritation, redness.

**Inhalation:** Exposure to decomposition products may cause health hazard. Serious effects may be delayed following exposure. No known significant or critical hazards.

**Ingestion:** May be irritating to mouth, throat and stomach.

**IMMEDIATE, DELAYED, CHRONIC EFFECTS**

**Target Organ Effects:** No data available.

**Carcinogenicity:** No components are listed as carcinogens by IARC, ACGIH, ASHA or NTP above the threshold of 0.1%.

**SECTION XII: ECOLOGICAL INFORMATION**

**Ecotoxicity:**

Chemical Name	Algae/Aquatic Plants	Fish	Microtoxicity	Crustacea
Proprietary Ingredient		Acute > 100 mg/l, 96 hours		EC50 > 100 mg/l, 48 hours

**Persistence and Degradability:** Readily biodegradable based on components.

**Bioaccumulative Potential:** Not available.

**Mobility in Soil:** Not available.

**SECTION XIII: DISPOSAL CONSIDERATIONS**

**Disposal of Waste:** Dispose of in accordance with federal, state and local regulations.

**Contaminated Packaging:** Dispose of in accordance with federal, state and local regulations.

**SECTION XIV: TRANSPORT INFORMATION**

**DOT:** Not regulated.

**UN/ID #:**

**Proper Shipping Name:** Cleaning, Cleaning Liquids, N.O.S.

**Hazard Class:**

**Packing Group:**

**SECTION XV: REGULATORY INFORMATION**

**TSCA Status: (Toxic Substance Control Act Section 8(b) Inventory):**

All chemical components in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**SARA 313:** This product does not contain listed substances above the "de minimus" level.

**SARA 311/312 Hazard Categories** Immediate (acute) health hazard.

**Acute Health Hazard:** Yes

**Chronic Health Hazard:** No

**Fire Hazard:** No

**Sudden Release of Pressure Hazard:** No

**Reactive Hazard:** No

**California Proposition 65:** Not listed.

**SECTION XVI: OTHER INFORMATION**

**Issue Date:** 06/01/15

**HAZARD RATINGS:**

**Version #:** 1

<b>NFPA:</b>	Health: 1	Flammability: 0	Instability: 0
<b>HMIS:</b>	Health: 1	Flammability: 0	Physical Hazards: 0

**Disclaimer:** AS THE CONDITIONS OR METHODS OF USE ARE BEYOND OUR CONTROL, WE DO NOT ASSUME ANY RESPONSIBILITY AND EXPRESSLY DISCLAIM ANY LIABILITY FOR ANY USE OF THIS MATERIAL. THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE TRUE AND ACCURATE BUT ALL STATEMENTS OR SUGGESTIONS ARE MADE WITHOUT WARRANTY, EXPRESSED OR IMPLIED, REGARDING THE ACCURACY OF THIS INFORMATION, THE HAZARDS CONNECTED WITH THE USE OF THE MATERIAL OR RESULTS TO BE OBTAINED FROM THE USE THEREOF. COMPLIANCE WITH FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS REMAIN THE RESPONSIBILITY OF THE USER.