

SAFETY DATA SHEET (SDS)

Section 1. Identification

Product identifier	CHEM 3000 A
Other means of identification	CHEM 3000; CHEM 3000 PART A
Recommended use and restrictions on use	Floor Coating
Initial supplier identifier	CHEMTEC; 4117 Industriel; Laval; Québec; Canada; H7L 6B9 info@epoxychemtec.com T 450-629-1717
Emergency telephone number/restriction on use	Canada – CANUTEC 24-hour number 613-996-6666

Section 2. Hazard identification

Classification of hazardous product (name of the category or subcategory of the hazard class)
Eye damage / irritation (Category 2A) Carcinogenicity (Category 1) Hazardous to the aquatic environment –acute hazard (Category 3) Hazardous to the aquatic environment –chronic hazard (Category 3)

Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)



Danger

H319 Causes serious eye irritation
H350 May cause cancer
H402 Harmful to aquatic life
H412 Harmful to aquatic life with long lasting effects

P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P264 Wash with plenty of water and soap thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 IF exposed or concerned: Get medical advice. P337+P313 If eye irritation persists: Get medical advice/attention. P351 Rinse cautiously with water for several minutes. P403+P233 Store in a well –ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container into safe container in accordance with local, regional, or national regulations.

Other hazards known	Percentage of the mixture consisting of ingredient (s) of unknown toxicity: oral 58%; dermal 58%; inhalation 99.5%
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Section 3. Composition/information on ingredients

Chemical name (common name/synonyms)	CAS number or other	Concentration (%)
Aromatic hydrocarbons	68477-30-5	45-70
Polyether Polyol	25214-63-5	30-60
Naphthalene	91-20-3	0.1-1

* Statement - This safety data sheet provides concentration range(s) instead of the actual concentration(s) considered trade secret(s).

Section 4. First-aid measures

Inhalation	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention immediately if symptoms occur.
Ingestion	IF SWALLOWED: Only induce vomiting at the instruction of a physician. If ingestion is suspected, contact physician or poison center immediately. Rinse mouth with water. Never give anything by mouth to an unconscious person.
Skin contact	IF ON SKIN: Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.
Eye contact	IF IN EYES: In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Do not rub affected area. Obtain medical attention. Remove contact lenses, if present and easy to do. Continue rinsing.

Additional Information
Do not leave the victim unattended. No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it or wear glove.

Section 5. Fire-fighting measures

Specific hazards of the hazardous product (hazardous combustion products)
By thermal decomposition or combustion, emit: Oxides de carbon (CO, CO ₂). Formation of toxic gases is possible during heating or in case of fire.
Suitable and unsuitable extinguishing media
In case of fire: Use water spray, carbon dioxide (CO ₂) alcohol resistant foam or dry chemical. For large fire use alcohol resistant foam. Do not use full water jet.

Special protective equipment and precautions for fire-fighters
Wear self-contained positive pressure breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear. Keep containers cool by spraying with water if exposed to fire.

Section 6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures
Evacuate all non-essential personnel. Ventilate. Eliminate all sources of ignition. Avoid all personal contact. Wear proper protective equipment. Dike area to prevent spreading. Prevent runoff into drains, sewers, and other waterways.

Methods and materials for containment and cleaning up

Shovel or pump to properly identified drum or salvage tank. Absorb residual material with sand or other absorbent material. Spilled material and water rinses are classified as chemical waste and must be disposed of in accordance with current local, provincial, and federal regulation
Environmental Precautions: Avoid release to the environment. Inform responsible authorities of all environmental releases. Do not allow product to reach sewage system of any water course.

Section 7. Handling and storage**Precautions for safe handling**

Avoid breathing mists or vapors. Avoid release to the environment. Avoid prolonged or repeated exposure Avoid skin and eye contact. Wear appropriate protective equipment when handling this material. Avoid eating and drinking while using this product. Employees should wash hands and face before eating or drinking. Use adequate ventilation. Handle and open container with care. Keep ignition sources away - Do not smoke. Protect from heat.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, and well-ventilated area. Keep containers tightly closed when not in use. Storage temperature: store at 15-49 °C (59-120°F).

Section 8. Exposure controls/Personal protection**Control parameters (biological limit values or exposure limit values and source of those values)**

Exposure limits: Naphthalene: ACGIH (TWA 10ppm; STEL15ppm); OSHA PEL- TWA:10ppm ; NIOSH REL TWA:10ppm

Appropriate engineering controls

Use product in well-ventilated areas. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits. Supply emergency safety/quick-drench shower, eyewash station and washing facilities available in work area and near handling area. Where such systems are not effective, wear suitable personal protection equipment which performs satisfactorily and meets recognized standards.

Individual protection measures/personal protective equipment

Skin protection: Chemical resistant gloves. Nitrile gloves are recommended. Wear shirts with long sleeves, long pants or a lab coat and safety boots.

Respiratory: Full face mask with organic vapor cartridge, Type A filter (BP >65°C)

Eye protection: tightly sealed goggles.

Special instructions for protection and hygiene: Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use. Educate and train employees in the safe use and handling of this product. Follow all label instructions.

Section 9. Physical and chemical properties

Appearance, physical state/colour	Liquid/Yellowish	Vapour pressure	Not available
Odour	Not available	Vapour density	Not available
Odour threshold	Not available	Relative density	0.98-1.00
pH	Not available	Solubility	Not available
Melting/freezing point	Not available	Partition coefficient - n-octanol/water	Not available
Initial boiling point/range	Not available	Auto-ignition temperature	Not available
Flash point	Not available	Decomposition temperature	Not available
Evaporation rate	Not available	Viscosity	65-95cps (20°C)
Flammability (solids and gases)	Not available	VOC	Not available
Upper and lower flammability/explosive limits	Not available	Other	None known

Section 10. Stability and reactivity**Reactivity**

Not available.

Chemical stability

This product is stable under normal temperatures and pressures.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid (static discharge, shock, or vibration)

Heat. Direct sunlight.

Incompatible materials

Strong oxidizers agents.

Hazardous decomposition products

By thermal decomposition. Carbon oxides (CO, CO₂).

Section 11. Toxicological information**Information on the likely routes of exposure (inhalation, ingestion, skin, and eye contact)**

Eye contact.

Symptoms related to the physical, chemical, and toxicological characteristics

Causes serious eye irritation

Delayed and immediate effects (chronic effects from short-term and long-term exposure)

Effects of chronic exposure: May cause cancer.

Acute oral toxicity: ATE (mixture): > 2000 mg/kg.

Acute dermal toxicity: ATE (mixture): > 2000 mg/kg.

Acute inhalation toxicity: ATE (mixture): > 20 mg/L (vapour).

Carcinogenicity of product: 68477-30-5: May cause cancer.91-20-3: Suspected of causing cancer.	
Mutagenicity: None known.	
Reproductive effects: None known.	
Numerical measures of toxicity (ATE; LD₅₀ & LC₅₀)	
25214-63-5: LD50 Orale>2000mg/kg LD50 Cutané – Lapin>2000mg/kg LC50 Inhalation-Rat>20mg/L	
91-20-3: LD50 Orale 490mg/kg LD50 Cutané – Lapin>2500mg/kg LC50 Inhalation- >20mg/L (4h, rat)	
Section 12. Ecological information	
Ecotoxicity (aquatic and terrestrial information)	Harmful to the aquatic life. Harmful to the aquatic life with long lasting effect. 25214-63-5: CL0 : >1000 mg/l (Zebra Fish) 48h; ECO : >1000 mg/l (3h, micro-organismes des boues actives.)
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Other adverse effects	No further relevant information available.
Section 13. Disposal considerations	
Information on safe handling for disposal/methods of disposal/contaminated packaging	
Dispose of as an industrial waste in a manner acceptable to good waste management practice and in accordance with applicable local, provincial, or federal regulations.	
Section 14. Transport information	
UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations	
NOT REGULATED	
UN number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime)	
NOT REGULATED	
UN number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air)	
NOT REGULATED	
Special precautions (transport/conveyance)	May also be shipped as a LIMITED QUANTITY in accordance with TDG.
Environmental hazards (IMDG or other)	Marine Pollutant
Bulk transport (usually more than 450 L in capacity)	Possible
Section 15. Regulatory information	
CEPA status: Ingredients of this mixture appears on DSL.	
Hazardous Products Regulations: This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations and this document contains all the information required by the Hazardous Products Regulations.	
TSCA: Ingredients of this mixture appears on TSCA inventory.	
Section 16. Other information	
Date of the latest revision of the safety data sheet	August 03, 2020 version 1
Corrections	Complete review
References	Safety Data Sheets from manufacturer/supplier & from Canadian Centre for Occupational Health and Safety, CCOHS.
Abbreviations	
ACGIH	American Conference of Governmental Industrial Hygienists
ATE	Acute toxicity estimate
CAS	Chemical Abstract Service
DSL	Domestic Substance List
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
LC	Lethal concentration
LD	Lethal Dosage
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
STEL	Short-term Exposure Limit
TDG	Transport of dangerous goods in Canada
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
WHMIS	Workplace Hazardous Materials Information System
To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.	