Express Chem; Mast-Away Asbestos & Lead Abatement Chemicals

8/26/2019

SAFETY DATA SHEET

1. Identification

Product Name: MA-11 Yellow Glue Remover

Product Code: B1501

SDS Date: 8/26/2019

Use: Industrial. This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.

Express Chem LLC
Mast-Away Asbestos & Lead Abatement Chemicals
600 West Woodbine Ave
St. Louis, MO 63122

General Information: 314-480-3277
CHEMTREC: 800-424-9300 Reference:
"Chemisphere Corp, Product B1501"

2. Hazard(s) identification

GHSClassification

Skin irritation (Category 2)
Eye irritation (Category 2A)
Carcinogenicity (Category 2)
Specific target organ toxicity - single exposure (Category 3)
Specific target organ toxicity - repeated exposure (Category 2)
Specific target organ toxicity - single exposure (Category 1)
Acute toxicity, Oral (Category 4)
Acute toxicity, Inhalation (Category 4)
Acute toxicity, Dermal (Category 4)
Reproductive toxicity (Category 2)

Pictogram 

Signalword Danger

HazardStatement

Causes skin irritation.
Causes serious eye irritation
Suspected of causing cancer
May cause respiratory irritation
May cause drowsiness or dizziness
May cause damage to organs through prolonged or repeated exposure Causes damage to organs Harmful if swallowed.
Harmful if inhaled.
Harmful in contact with skin.
Suspected of damaging fertility or the unborn child

Precautionary

Avoid breathing mist/vapors/spray. Call a poison center/doctor if you feel unwell. Do not breathe mist/vapors/spray. Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood. Get medical advice/attention if you feel unwell. If exposed or concerned: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If inhaled: Remove person to fresh air and keep comfortable for breathing. If on skin: wash with plenty of water. If skin irritation occurs: Get medical advice/attention. If swallowed: Immediately call a poison center/doctor. Obtain special instructions before use. Rinse mouth. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Take off contaminated clothing and wash it before reuse. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not otherwise classified: Not available

3. Composition/information on ingredients

Name	CAS	Concentration
Methylene Chloride	75-09-2	50-100
Toluene	108-88-3	1-20
2-Butoxyethanol	111-76-2	1-20
Methanol	67-56-1	1-20

4. First-aid measures

General Advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If Inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In Case of Skin Contact	Wash off with soap and plenty of water. Consult a physician.
In Case of Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If Swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Indications of any immediate medical attention and special treatment needed

No data available

5. Fire-fighting measures

Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special Hazards	Carbon oxides, Hydrogen chloride gas
Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.
Further Information	No data available

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

7. Handling and storage

Safe Handling	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.
Safe Storage	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. Exposure controls/personal protection

Name			CAS
Methylene Chloride			75-09-2
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
25 ppm	125 ppm	50 ppm	Not Available
Toluene			108-88-3
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
100 ppm	150 ppm	20 ppm	Not Available
2-Butoxyethanol			111-76-2
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
50 ppm	Not Available	20 ppm	Not Available
Methanol			67-56-1
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
200 ppm	Not Available	200 ppm	250 ppm

Engineering Control	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Eye/Face Protection	Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin Protection	Handle with fluorinated rubber gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without

touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection	Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory Protection	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type AXBEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of Environmental Exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

9. Physical and chemical properties

	Methylene Chloride	Liquid
Appearance	Methylene Chloride	19%
Odor	Methylene Chloride	No data available
Odor Threshold	Methylene Chloride	No data available
pH	Methylene Chloride	No data available
Melting/Freezing Point	Methylene Chloride	-97.0 °C (-142.6 °F)
Initial Boiling Point/Range	Methylene Chloride	40.0 °C (104.0 °F)
Flash Point	Methylene Chloride	No data available
Evaporation Rate	Methylene Chloride	0.71
Flammability	Methylene Chloride	No data available

Upper Explosion Limit		
Lower Explosion Limit	Methylene Chloride	12%
Vapor Pressure		
	Methylene Chloride	470.9 hPa (353.2 mmHg) at 20.0 °C (68.0 °F)
Vapor Density		
	Methylene Chloride	2.93 - (Air = 1.0)
Relative Density	Methylene Chloride	1.32 g/cm3
Water Solubility	Methylene Chloride	slightly soluble
Partition Coefficient		
	Methylene Chloride	log Pow: 1.25
Auto Ignition Temperature		
	Methylene Chloride	556.1 °C (1,033.0 °F) 662.0 °C (1,223.6 °F)
Decomposition Temperature	Methylene Chloride	No data available
Viscosity	Methylene Chloride	No data available

10. Stability and reactivity

No data available

Reactivity

Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	Heat, flames and sparks. Exposure to sunlight.
Incompatible materials	Alkali metals, Aluminum, Strong oxidizing agents, Bases, Amines, Magnesium, Strong acids and strong bases, Vinyl compounds
Hazardous Decomposition Products	No data available

11. Toxicological information

Name	CAS
Methylene Chloride	75-09-2

LD50 Oral - Rat - > 2,000 mg/kg

LC50 Inhalation - Rat - 52,000 mg/m3

LD50 Dermal - Rat - > 2,000 mg/kg

Skin corrosion/irritation Result: Irritating to skin. - 24 h

Serious eye damage/eye irritation Result: Irritating to eyes. - 24 h

Respiratory or skin sensitization No data available

Germ cell mutagenicity Rat
DNA damage

Carcinogenicity IARC: 2B - Group 2B: Possibly carcinogenic to humans (Methylene chloride)
NTP: Reasonably anticipated to be a human carcinogen (Methylene chloride)
OSHA: OSHA specifically regulated carcinogen (Methylene chloride)

Reproductive No data available

Additional information Dichloromethane is metabolized in the body producing carbon monoxide which increases and sustains carboxyhemoglobin levels in the blood, reducing the oxygen-carrying capacity of the blood., Acts as a simple asphyxiant by displacing air., anesthetic effects, Difficulty in breathing, Headache, Dizziness, Prolonged or repeated contact with skin may cause:, defatting, Dermatitis, Contact with eyes can cause:, Redness, Blurred vision, Provokes tears., Effects due to ingestion may include:, Gastrointestinal discomfort, Central nervous system depression, Paresthesia., Drowsiness, Convulsions, Conjunctivitis., Pulmonary edema. Effects may be delayed., Irregular breathing., Stomach/intestinal disorders, Nausea, Vomiting, Increased liver enzymes., Weakness, Heavy or prolonged skin exposure may result in the absorption of harmful amounts of material., Abdominal pain

Name	CAS
Toluene	108-88-3

LD50 Oral - Rat - > 5,580 mg/kg

LC50 Inhalation - Rat - 4 h - 12,500 - 28,800 mg/m3

LD50 Dermal - Rabbit - 12,196 mg/kg

Skin corrosion/irritation Result: Skin irritation - 24 h

Serious eye damage/eye irritation Result: No eye irritation

Respiratory or skin sensitization No data available

Germ cell mutagenicity Rat - Liver, DNA damage

Carcinogenicity IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Toluene)

Reproductive Experiments have shown reproductive toxicity effects in male and female laboratory animals.

Additional information Lung irritation, chest pain, pulmonary edema, Inhalation studies on toluene have demonstrated the development of inflammatory and ulcerous lesions of the penis, prepuce, and scrotum in animals., Central nervous system

Name	CAS
2-Butoxyethanol	111-76-2

LD50 Oral - Rat - 470 mg/kg

LC50 Inhalation - Rat - 4 h - 450 ppm

LD50 Intraperitoneal - Rat - 220 mg/kg, LD50 Intravenous - Rat - 307 mg/kg **Skin corrosion/irritation** Result: Open irritation test

Serious eye damage/eye irritation Result: Moderate eye irritation - 24 h

Respiratory or skin sensitization No data available

Germ cell mutagenicity No data available

Carcinogenicity IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2Butoxyethanol)

Reproductive Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.

Additional information Human exposure above 200 ppm can be expected to cause narcosis, damage to the kidney and liver and present an abnormal blood picture showing erythropenia, reticulocytosis, granulocytosis, leukocytosis, and would be likely to cause fragility of erythrocytes and hematuria. Swallowing of 2-butoxyethanol results in a sour taste that turns to a burning sensation and is followed by numbness of the tongue which indicates paralysis of the sensory nerve endings.,
Central nervous system depression, Headache,
narcosis

Name	CAS
Methanol	67-56-1

LDLO Oral - Human - 143 mg/kg, LD50 Oral - Rat - 1,187 - 2,769 mg/kg

LC50 Inhalation - Rat - 4 h - 128.2 mg/l, LC50 Inhalation - Rat - 6 h - 87.6 mg/l

LD50 Dermal - Rabbit - 17,100 mg/kg

Skin corrosion/irritation Result: No skin irritation

Serious eye damage/eye irritation Result: No eye irritation

Respiratory or skin sensitization Does not cause skin sensitisation.

Germ cell mutagenicity Result: negative

Carcinogenicity Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA

Reproductive No data available

Additional information Methyl alcohol may be fatal or cause blindness if swallowed.
Effects due to ingestion may include:, Headache, Dizziness, Drowsiness, metabolic acidosis, Coma, Seizures.
Symptoms may be delayed., Damage of the:, Liver, Kidney

12. Ecological information

Name	CAS	Toxicity
Methylene Chloride	75-09-2	LC50 - Pimephales promelas (fathead minnow) - 193.00 mg/l - 96 h NOEC - Cyprinodon variegatus (sheepshead minnow) - 130 mg/l - 96 h EC50 - Daphnia magna (Water flea) - 1,682.00 mg/l - 48 h
Toluene	108-88-3	LC50 - Oncorhynchus mykiss (rainbow trout) - 7.63 mg/l - 96 h, NOEC - Pimephales promelas (fathead minnow) - 5.44 mg/l - 7 d, EC50 - Daphnia magna (Water flea) - 8.00 mg/l - 24 h, Immobilization EC50 - Daphnia magna (Water flea) - 6 mg/l - 48 h, EC50 - Chlorella vulgaris (Fresh water algae) - 245.00 mg/l - 24 h, EC50 - Pseudokirchneriella subcapitata (green algae) - 10.00 mg/l - 24 h

2-Butoxyethanol	111-76-2	LC50 - other fish - 220 mg/l - 96 h, EC50 - Daphnia magna (Water flea) - 1,815 mg/l - 24 h

Methanol	67-56-1	mortality LC50 - Lepomis macrochirus (Bluegill) - 15,400.0 mg/l - 96 h, NOEC - Oryzias latipes - 7,900 mg/l - 200 h, EC50 - Daphnia magna (Water flea) - > 10,000.00 mg/l - 48 h, Growth inhibition EC50 - Scenedesmus capricornutum (fresh water algae) -22,000.0 mg/l -96 h

13. Disposal considerations

Dispose of contents/container in accordance with local/regional/national/international regulations.

14. Transport information

Proper Shipping Name	Toxic, Liquids, Organic, n.o.s., (Dichloromethane)
Hazard Class	6.1
Identification Number	UN2810
Packing Group	III
Label	Toxic

15. Regulatory information

Name		**CAS**
Methylene Chlori	le	75-09-2
SARA 302/304	No components were identified	
SARA 313	313	
CERCLA	RQ=1000 lbs	
SARA 311/312	Acute Health Hazard, Chronic Health Hazard	
PROP 65	Cancer Hazard	

This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory. This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal.

Name	**CAS**
Toluene	108-88-3
SARA 302/304	No components were identified
SARA 313	313
CERCLA	RQ=1,000 lbs
SARA 311/312	Fire Hazard, Acute Health Hazard, Chronic Health Hazard
PROP 65	Developmental Hazard

This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.

Name	**CAS**
2-Butoxyethanol	111-76-2
SARA 302/304	No components were identified
SARA 313	No components were identified
CERCLA	No components were identified
SARA 311/312	Fire Hazard, Acute Health Hazard, Chronic Health Hazard
PROP 65	No components were identified

This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.

Name	CAS
Methanol	67-56-1

SARA 302/304	No components were identified
SARA 313	313
CERCLA	RQ=5,000 lbs
SARA 311/312	Fire Hazard, Acute Health Hazard, Chronic Health Hazard
PROP 65	Developmental hazard

This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.

16. Other information, including date of preparation or last revision

SDS Date: 8/26/2019

Disclaimer:

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