



BRS-25, CS-25-1315

Safety Data Sheet

Date of issue: 02/2023

Supersedes: 05/2019

Version: 1.5

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Form: Mixture

Product Name: US SPEC BRS-25, US SPEC CS-25-1315

Synonyms: None

Product Uses: Sealer

Manufacturer: US MIX

112 South Santa Fe Drive

Denver, CO 80223

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Emergency Contact: CHEMTREC 800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

GHS-US classification

Flammable Liquid - 3

Carcinogen - 2

Specific target organ toxicant (central nervous system): 3

Specific target organ toxicant (respiratory irritant): 3

Aspiration toxicant: 1.

GHS-US labeling

Hazard Pictograms (GHS-US):



Signal Word (GHS-US):

Danger

Hazard Statements (GHS-US):

Flammable liquid and vapor. May be fatal if swallowed and enters airways. May cause respiratory irritation. May cause drowsiness or dizziness. Suspected of causing cancer.

Precautionary Statements (GHS-US):

Keep away from heat/sparks/open flames/hot surfaces. -- No smoking. Keep container tightly closed Use only in well ventilated areas. Avoid breathing vapors and direct contact. Store in well ventilated location. Wear appropriate personal protection equipment. Control vapors in confined spaces. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF exposed or concerned: Get medical advice/ attention. Call a POISON CENTER or doctor/physician if you feel unwell. Do NOT induce vomiting. If skin irritation occurs: Get medical advice/ attention. In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents and container in accordance with local regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	PERCENT
Acetone	67-64-1	30-50
Aromatic 100 hydrocarbon naptha, solvent	64742-95-6	10-30
1,2,4-TRIMETHYLBENZENE	95-63-6	10-20
Cumene	92-82-8	1-5

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

Safety Data Sheet**SECTION 4: FIRST AID MEASURES**

INHALATION: Move to fresh air. If cough, irritation, difficulty in breathing persist or develop, call a physician.

SKIN CONTACT: Do not rub skin. Rinse skin free of material with water to avoid abrasion of skin. Wash thoroughly with soap and water.

INGESTION: Administer milk or water. DO NOT induce vomiting. Call a physician or Poison Control Center immediately. DO NOT give anything orally to an unconscious person.

EYE CONTACT: Do not rub eyes. Flush with water for 15 minutes. Call a physician.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT (TAG CLOSED CUP): >80°F (26°C)

FLAMMABLE LIMITS LEL: 0.7% UEL: 5%

EXTINGUISHING MEDIA: Dry chemical, foam or CO₂

SPECIAL FIRE FIGHTING PROCEDURES: Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not weld or cut empty steel drums with a torch. Vapors are flammable and heavier than air. Vapors may travel across the ground and reach remote ignition sources causing a flashback fire danger. Hazardous material. Firefighters should consider protective equipment indicated in Section 8.

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Stop flow. Contain with earthen dike if necessary. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal. Use appropriate protective equipment.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep away from all ignition sources (heat, flame, sparks, & strong oxidizers). Store in safety containers. Use only in well ventilated areas.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**EXPOSURE CONTROLS:**

INGREDIENT	CAS No.	OSHA PEL	ACGIH TLV	OTHER LIMITS
Aromatic Naptha	64742-95-6	N/E	N/E	N/A
Acetone	67-64-1	1000 ppm	500 ppm	N/A
1,2,4-TRIMETHYLBENZENE	95-63-6	25 ppm	N/E	N/A
Cumene	92-82-8	50 ppm	N/E	N/A

PERSONAL PROTECTION/CONTROL MEASURES:

RESPIRATORY PROTECTION: Organic vapor cartridge or NIOSH approved supplied air respirators according to OSHA regulation 29 CFR 1910.134.

VENTILATION: Fan or forced air exhaust. If ventilation is inadequate use respiratory protection.

PROTECTIVE GLOVES: Use rubberized gloves according to OSHA regulation 29 CFR 1910.138.

EYE PROTECTION: Chemical splash goggles or face shield according to OSHA regulation 29 CFR 1910.133.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: PVC or equivalent chemically resistant apron. Safety showers, eye wash stations and washing facilities should be available.

WORK/HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, smoking or using washroom. Remove and wash contaminated clothing before re-use.

Safety Data Sheet**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****APPEARANCE:** Colorless liquid**ODOR:** Mild**BOILING POINT:** 300°F (149°C)**FREEZING / MELTING POINT:** N/A**VAPOR PRESSURE (MM HG):** <11@ 100°F Water**EVAPORATION (BUTYL ACETATE = 1):** 8**VAPOR DENSITY (AIR = 1):** 4**WATER SOLUBILITY:** Negligible**SPECIFIC GRAVITY (H20=1):** 0.77**OTHER SOLUBILITIES:** None Known**pH:** N/A**VOC CONTENT:** 650 g/l**SECTION 10: STABILITY AND REACTIVITY****STABILITY:** Stable**CONDITIONS TO AVOID:** Heat and flames. Protect from freezing**INCOMPATIBILITY (MATERIALS TO AVOID):** N/A**HAZARDOUS DECOMPOSITION (BYPRODUCTS):** N/A**HAZARDOUS POLYMERIZATION:** Will not occur**SECTION 11: TOXICOLOGICAL INFORMATION****ROUTES OF ENTRY**

Inhalation? Yes Skin? Yes Ingestion? Yes Eyes? Yes

HEALTH HAZARDS

AROMATIC NAPHTHA SOLVENT 64742-95-6	
LD50 Oral Rat	3492 mg/kg
LD50 Dermal Rabbit	> 3160 mg/kg
LC50 Inhalation Rat	>6193 mg/l (4 hr)

INHALATION: Breathing mist can cause irritation of nasal and respiratory passages. May cause dizziness, headache, nausea, vomiting and coma if used in unventilated areas.**SKIN CONTACT:** May cause irritation**INGESTION:** May cause gastrointestinal irritation, nausea, vomiting and diarrhea**EYE CONTACT:** May cause irritation, redness, tearing and blurred vision.**GERM CELL MUTAGENICITY:** Based on available data, the classification criteria are not met.**CARCINOGENICITY:** Based on available data, the classification criteria are not met

CUMENE 98-82-8	
IARC Group	2B
National Toxicity Program (NTP) Status	2

SECTION 11: TOXICOLOGICAL INFORMATION (CONTINUED)

REPRODUCTIVE TOXICITY: Based on available data, the classification criteria are not met.

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE): May cause drowsiness or dizziness. May be irritating to the respiratory tract. Based on assessment of the components

SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE): Not expected to cause organ damage from prolonged or repeated exposure. Based on test data for structurally similar materials.

ASPIRATION HAZARD: May be fatal if swallowed and enters airways. Based on physico-chemical properties of the material.

SYMPTOMS/INJURIES AFTER INHALATION: May cause respiratory tract irritation.

SYMPTOMS/INJURIES AFTER SKIN CONTACT: May cause skin irritation.

SYMPTOMS/INJURIES AFTER EYE CONTACT: May cause eye damage/irritation.

SYMPTOMS/INJURIES AFTER INGESTION: Harmful if swallowed. May cause stomach distress, nausea or vomiting.

OTHER INFORMATION: Likely routes of exposure: inhalation, ingestion, skin and eye.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. No data available for this product.

Persistence and degradability

Expected to be readily biodegradable.

Elimination information

Not determined

Bioaccumulative potential

Not determined

Mobility in soil

Not determined

Other adverse effects

Not determined

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

DOT Transportation Data (49 CFR 172.101):

Shipping Name:	Combustible Liquid, N.O.S. (Petroleum Distillates, Naptha Solvent)
Hazard Class:	3
ID No.:	UN 1993
Packing Group:	III
Label:	3
Limited Quantity Exceptions:	Limited quantity applies for inner packages 1.3 gallons or smaller.
US Domestic Ground Shipments:	Combustible Liquids, N.O.S. (Petroleum Distillates, Naptha Solvent), 3, UN 1993, III
Maritime Transport:	Combustible Liquids, N.O.S. (Petroleum Distillates, Naptha Solvent), 3, UN 1993, III
Air Transport:	Combustible Liquids, N.O.S. (Petroleum Distillates, Naptha Solvent), 3, UN 1993, III
Placards:	“Combustible” warnings and placards required only when packaged in containers holding 119 gallons or more. “Flammable” warnings and placards required only when shipping 1,000 lbs. or more by air or water.
National Motor Freight NMF-100-0:	Petroleum Oils, Greases and Related Products Item: 155250 Class: LTL: 65 TL: 35

Safety Data Sheet**SECTION 15: REGULATORY INFORMATION****OSHA STATUS:**

Irritant

SARA TITLE III:

Section 312 Extremely Hazardous Substances: None

Section 311/312 Hazard Categories: Fire, Immediate Health, Delayed Health

Section 313 Toxic Chemicals: 1,2,4-TRIMETHYLBENZENE, Xylene, Cumene

RCRA STATUS:

Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product derived from the product should be classified as a hazardous waste.

CALIFORNIA PROPOSITION 65:

The chemical(s) noted below are contained in this product and are known to the state of California to cause cancer, birth defects or other reproductive harm:

CAS No.

98-82-8

Chemical NameCumene

SECTION 16: OTHER INFORMATION**DATA SOURCES:** SDS prepared by US MIX pursuant to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012**SDS REVISION DATE:** 02/2023**HMIS:** Health 2; Flammability 2; Reactivity; 0

Comments: This Safety Data Sheet and the information it contains are offered to you in good faith as accurate. We have reviewed any information contained in this datasheet, which we received from sources outside our company. We believe that information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of this product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.