

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 09.25.2024

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UNIVERSAL ACTIVATOR

SECTION 1: Identification

Product Identifier

Product Name: UNIVERSAL ACTIVATOR

Product code: SMR-2226

Recommended Use of the Product and Restriction on Use

Relevant Identified Uses: Not determined or not applicable.

Uses Advised Against: Not determined or not applicable.

Reasons Why Uses Advised Against: Not determined or not applicable.

Manufacturer or Supplier Details

Manufacturer:

United States

SpeedoKote LLC.

5565 N. Webster St.

Dayton, OH 45414

937-280-0091

www.speedokote.com

Emergency Telephone Number:

United States

Chemtrec

800-424-9300 (24 hours)

SECTION 2: Hazard(s) Identification

GHS Classification:

Flammable liquids, category 3

Skin irritation, category 2

Eye irritation, category 2A

Skin sensitization, category 1

Carcinogenicity, category 1B

Specific target organ toxicity - single exposure, category 3, respiratory tract irritation

Specific target organ toxicity - single exposure, category 3, narcotic effects

Label elements

Hazard Pictograms:



Signal Word: Danger

Hazard statements:

H226 Flammable liquid and vapor

H315 Causes skin irritation

H319 Causes serious eye irritation

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H317 May cause an allergic skin reaction

H350 May cause cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

H335 May cause respiratory irritation

H336 May cause drowsiness or dizziness

Precautionary Statements:

P210 Keep away from sparks, open flames and hot surfaces. No smoking.

P233 Keep container tightly closed

P240 Ground/bond container and receiving equipment

P241 Use explosion-proof electrical, ventilating, and lighting equipment.

P242 Use only non-sparking tools

P243 Take precautionary measures against static discharge

P280 Wear protective gloves/protective clothing/eye protection/face protection

P264 Wash hands thoroughly after handling.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray

P272 Contaminated work clothing must not be allowed out of the workplace

P201 Obtain special instructions before use

P202 Do not handle until all safety precautions have been read and understood

P271 Use only outdoors or in a well-ventilated area

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P370+P378 In case of fire: Use agents recommended in Section 5 to extinguish.

P302+P352 IF ON SKIN: Wash with plenty of water.

P321 Specific treatment (see Sections 4-8 of this SDS and any supplemental information on the product label).

P332+P313 If skin irritation occurs: Get medical advice or attention.

P362 Take off contaminated clothing and wash it before reuse

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337+P313 If eye irritation persists: Get medical advice or attention.

P333+P313 If skin irritation or rash occurs: Get medical advice or attention.

P363 Wash contaminated clothing before reuse

P308+P313 If exposed or concerned: Get medical advice or attention.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P312 Call a POISON CENTER if you feel unwell.

P403+P235 Store in a well-ventilated place. Keep cool

P405 Store locked up

P403+P233 Store in a well-ventilated place. Keep container tightly closed

P501 Dispose of contents and container in accordance with federal, state and local regulations.

Hazards Not Otherwise Classified: None

SECTION 3: Composition/Information on Ingredients

| Identification | Name | Weight % |
|---------------------------|---------------------------------------|----------|
| CAS Number: 79-20-9 | Methyl acetate | 30-60 |
| CAS Number: 28182-81-2 | Hexamethylene diisocyanate, oligomers | 30-50 |

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| | | |
|---------------------------|--------------------------|------|
| CAS Number: 25551-13-7 | Trimethylbenzene | 5-10 |
| CAS Number: 95-63-6 | 1, 2, 4-Trimethylbenzene | 5-10 |
| CAS Number: 1330-20-7 | Xylene | 1-3 |
| CAS Number: 98-82-8 | Cumene | 1-3 |
| CAS Number: 25155-15-1 | Cymene | 1-3 |

Additional Information: None

SECTION 4: First Aid Measures

Description of First Aid Measures

General Notes:

Show this Safety Data Sheet to the doctor in attendance.

After Inhalation:

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If symptoms develop or persist, seek medical advice/attention.

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If experiencing respiratory symptoms, seek medical advice/attention.

After Skin Contact:

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention.

After Eye Contact:

Rinse eyes with plenty of water for several minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention.

Rinse eyes with plenty of gently flowing lukewarm water for 15 minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention.

After Swallowing:

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention.

Most Important Symptoms and Effects, Both Acute and Delayed

Acute Symptoms and Effects:

Product is flammable. Exposure to sources of ignition may cause physical injury.

Skin contact may result in redness, pain, burning and inflammation.

Eye contact may result in irritation, redness, pain, inflammation, itching, burning and tearing.

Dermal exposure may cause an allergic skin reaction. Symptoms may include irritation, redness, pain, rash, inflammation, itching, burning and dermatitis.

Inhalation may have adverse effects on the respiratory tract. Symptoms may include cough, breathing

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difficulties, sore throat and inflammation of the mucous membrane lining the respiratory tract.

Inhalation may have adverse effects on the central nervous system. Symptoms may include drowsiness, dizziness, headache, nausea and lowering of consciousness. Acute overexposure via inhalation may result in respiratory distress, confusion and unconsciousness.

Delayed Symptoms and Effects:

Effects are dependent on exposure (dose, concentration, contact time).

Exposure may cause cancer. Effects are dependent on exposure (dose, concentration, contact time).

Immediate Medical Attention and Special Treatment

Specific Treatment:

Skin/eye burns require immediate treatment.

If respiratory symptoms persist, seek medical attention.

Overexposure via inhalation requires urgent medical treatment.

Notes for the Doctor:

Treat symptomatically.

SECTION 5: Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media:

Dry chemical, CO₂, water spray or alcohol-resistant foam.

Water mist/fog, carbon dioxide, dry chemical or alcohol resistant foam.

Unsuitable Extinguishing Media:

Do not use water jet.

Specific Hazards During Fire-Fighting:

Flammable liquid. Will be easily ignitable by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard. Containers may explode when heated. Inhalation or contact with material may irritate or burn skin and eyes. Fire may produce irritating, corrosive and/or toxic gases. Vapors may cause dizziness or suffocation.

Thermal decomposition may produce irritating/toxic fumes/gases.

Special Protective Equipment for Firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode.

Special precautions:

Evacuate non-essential personnel. Ventilate closed spaces before entering. Consider initial evacuation for 300 meters in all directions. If tank/rail car is involved in the fire, ISOLATE for 800 meters in all directions. Fight fire from a maximum distance. Move containers from fire area if you can do it without risk. Use water spray/fog for cooling fire exposed containers. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. Always stay away from tanks engulfed in fire. For massive fire, use unmanned hose holders or monitor nozzles. If this is impossible, withdraw from area and let fire burn. Stand by, at a safe distance, with extinguisher ready for possible re-ignition. A vapor-suppressing foam may be used to reduce vapors. Avoid unnecessary run-off of extinguishing media which may cause pollution. Do not handle damaged containers unless specialized to do so.

Avoid contact with skin, eyes, hair and clothing. Do not breathe fumes/gas/mists/aerosols/vapors/dusts.

Move containers from fire area if safe to do so. Use water spray/fog for cooling fire exposed containers.

Avoid unnecessary run-off of extinguishing media which may cause pollution.

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SECTION 6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures:

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. All equipment used when handling the product must be grounded. Wear recommended personal protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling.

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. Wear recommended personal protective equipment (see Section 8). Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling.

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. Wear recommended personal protective equipment (see Section 8). Do not get on skin, eyes or on clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling. Remove contaminated clothing and launder before reuse.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided.

Methods and Material for Containment and Cleaning Up:

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. A vapor-suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Avoid breathing dust, mist, fumes, vapors or spray. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Reference to Other Sections:

For personal protective equipment see Section 8. For disposal see Section 13.

SECTION 7: Handling and Storage

Precautions for Safe Handling:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating and lighting equipment. Take action to prevent static discharges. Handle containers with caution. Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in cool, dry, well-ventilated location out of direct sunlight. Keep away from food and beverages. Protect from freezing and physical damage. Store away from heat, open flames and other sources of

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ignition. Keep container tightly sealed. Store away from incompatible materials (See Section 10).

SECTION 8: Exposure Controls/Personal Protection

Only those substances with limit values have been included below.

Occupational Exposure Limit Values:

| Country (Legal Basis) | Substance | Identifier | Permissible concentration |
|---------------------------|--------------------------|------------|--|
| ACGIH | Xylene | 1330-20-7 | 8-Hour TWA: 20 ppm |
| | Trimethylbenzene | 25551-13-7 | TLV-TWA: 10 ppm (8 hr) |
| | Methyl acetate | 79-20-9 | TLV-TWA: 200 ppm (8 hr) |
| | Methyl acetate | 79-20-9 | 15-Minute STEL: 250 ppm |
| | 1, 2, 4-Trimethylbenzene | 95-63-6 | 8-Hour TWA: 10 ppm |
| | Cumene | 98-82-8 | TLV-TWA: 5 ppm (8 hr) |
| NIOSH | Xylene | 1330-20-7 | IDLH: 900 ppm |
| | Xylene | 1330-20-7 | 15-Minute STEL: 655 mg/m ³ (150 ppm) |
| | Xylene | 1330-20-7 | REL-TWA: 435 mg/m ³ (100 ppm [up to 10 hr]) |
| | Trimethylbenzene | 25551-13-7 | REL-TWA: 125 mg/m ³ (25 ppm; [for up to a 10-hour workday]) |
| | Methyl acetate | 79-20-9 | REL-TWA: 610 mg/m ³ (200 ppm [up to 10 hr]) |
| | Methyl acetate | 79-20-9 | STEL: 760 mg/m ³ (250 ppm) |
| | Methyl acetate | 79-20-9 | IDLH: 3100 ppm |
| | 1, 2, 4-Trimethylbenzene | 95-63-6 | REL-TWA: 125 mg/m ³ (25 ppm [up to 10 hr]) |
| | Cumene | 98-82-8 | REL-TWA: 245 mg/m ³ (50 ppm [10-hour workday]) |
| | Cumene | 98-82-8 | IDLH: 900 ppm |
| OSHA | Xylene | 1330-20-7 | 8-Hour TWA: 435 mg/m ³ (100 ppm) |
| | Methyl acetate | 79-20-9 | 8-Hour TWA-PEL: 610 mg/m ³ (200 ppm) |
| | Methyl acetate | 79-20-9 | STEL: 760 mg/m ³ (250 ppm) |
| | 1, 2, 4-Trimethylbenzene | 95-63-6 | 8-Hour TWA-PEL: 120 mg/m ³ (25 ppm [Construction and Maritime Industries Only]) |
| | Cumene | 98-82-8 | 8-Hour TWA-PEL: 245 mg/m ³ (50 ppm) |
| United States(California) | Xylene | 1330-20-7 | Ceiling Limit: 300 ppm |
| | Xylene | 1330-20-7 | 15-Minute STEL: 655 mg/m ³ (150 ppm) |
| | Xylene | 1330-20-7 | 8-Hour TWA-PEL: 435 mg/m ³ (100 ppm) |
| | Xylene | 1330-20-7 | PEL Ceiling: 300 ppm |
| | Trimethylbenzene | 25551-13-7 | 8-Hour TWA-PEL: 125 mg/m ³ (25 ppm) |
| | Methyl acetate | 79-20-9 | 8-Hour TWA: 610 mg/m ³ (200 ppm) |
| | Methyl acetate | 79-20-9 | 15-Minute STEL: 760 mg/m ³ (250 ppm) |

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| Country (Legal Basis) | Substance | Identifier | Permissible concentration |
|-----------------------|--------------------------|------------|--|
| | 1, 2, 4-Trimethylbenzene | 95-63-6 | 8-Hour TWA-PEL: 125 mg/m ³ (25 ppm) |
| | Cumene | 98-82-8 | 8-Hour TWA: 245 mg/m ³ (50 ppm) |

Biological Limit Values:

| Country (Legal Basis) | Substance | Identifier | Determinant | Specimen | Sampling time | Permissible limits |
|-----------------------|-----------|------------|----------------------|---------------------|---------------|--------------------|
| ACGIH | Xylene | 1330-20-7 | Methylhippuric acids | Creatinine in urine | End of shift. | 1.5 g/g |

Information on Monitoring Procedures:

Not determined or not applicable.

Appropriate Engineering Controls:

Emergency eye wash stations and safety showers should be available in the immediate vicinity of use or handling. Provide adequate ventilation to maintain the airborne concentrations of vapor, mists, and/or dusts below the applicable workplace exposure limits, while observing recognized national standards (or equivalent).

Personal Protection Equipment

Eye and Face Protection:

Safety glasses or goggles. Use eye protection equipment that has been tested and approved by recognized national standards (or equivalent).

Skin and Body Protection:

Chemical resistant, impervious gloves approved by the appropriate standards. Gloves must be inspected prior to use. Avoid skin contact with used gloves. Appropriate techniques should be used to remove used gloves and contaminated clothing. 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. Ensure that all personal protective equipment is approved by recognized national standards (or equivalent).

Respiratory Protection:

If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn.

If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

General Hygienic Measures:

When handling chemical products, do not eat, drink or smoke. Wash hands after handling, before breaks, and at the end of the workday. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Perform routine housekeeping.

SECTION 9: Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

| | |
|------------|----------------------------------|
| Appearance | Not determined or not available. |
| Odor | Not determined or not available. |

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| | |
|---|----------------------------------|
| Odor threshold | Not determined or not available. |
| pH | Not determined or not available. |
| Melting point/freezing point | Not determined or not available. |
| Initial boiling point/range | Not determined or not available. |
| Flash point (closed cup) | Not determined or not available. |
| Evaporation rate | Not determined or not available. |
| Flammability (solid, gas) | Not determined or not available. |
| Upper flammability/explosive limit | Not determined or not available. |
| Lower flammability/explosive limit | Not determined or not available. |
| Vapor pressure | Not determined or not available. |
| Vapor density | Not determined or not available. |
| Density | Not determined or not available. |
| Relative density | Not determined or not available. |
| Solubilities | Not determined or not available. |
| Partition coefficient (n-octanol/water) | Not determined or not available. |
| Auto/Self-ignition temperature | Not determined or not available. |
| Decomposition temperature | Not determined or not available. |
| Dynamic viscosity | Not determined or not available. |
| Kinematic viscosity | Not determined or not available. |
| Explosive properties | Not determined or not available. |
| Oxidizing properties | Not determined or not available. |

SECTION 10: Stability and Reactivity

Reactivity:

Not reactive under recommended handling and storage conditions.

Chemical Stability:

Stable under recommended handling and storage conditions.

Possibility of Hazardous Reactions:

Hazardous reactions are not anticipated under recommended conditions of handling and storage.

Conditions to Avoid:

Extreme heat, open flames, hot surfaces, sparks, ignition sources, static electricity and incompatible materials. Vapor accumulation in low or confined areas.

Extreme heat, open flames, hot surfaces, sparks, ignition sources and incompatible materials.

Incompatible Materials:

None known.

Hazardous Decomposition Products:

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

SECTION 11: Toxicological Information

Acute Toxicity

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

Product Data: No data available.

Substance Data:

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| Name | Route | Result |
|---------------------------------------|----------------|--|
| Xylene | Dermal ATE | LD50 Rabbit: 1100 mg/kg |
| | Inhalation ATE | LC50 Rat: 11 mg/L (4 h [vapor]) |
| | oral | LD50 Rat: 3523 mg/kg |
| Trimethylbenzene | Oral ATE | LD50 Rat: 500 mg/kg |
| | Dermal ATE | LD50 Rabbit: 1100 mg/kg |
| Hexamethylene diisocyanate, oligomers | dermal | LD50 Rabbit: > 2000 mg/kg |
| | Inhalation ATE | LC50 Rat: 11 mg/L |
| Methyl acetate | oral | LD50 Rabbit: 6482 mg/kg |
| | dermal | LD50 Rabbit: >2000 mg/kg |
| | inhalation | LC50 Rabbit: >49.2 mg/L (4 hr [Vapor]) |
| 1, 2, 4-Trimethylbenzene | inhalation | LC50 Rat: 10.2 mg/L (4 hr [vapor]) |
| | oral | LD50 Rat: 6000 mg/kg |
| | dermal | LD50 Rat: >3440 mg/kg |
| Cumene | oral | LD50 Rat: 2700 mg/kg |
| | dermal | LD50 Rabbit: > 3160 mg/kg |
| | inhalation | LC50 Rat: 10 mg/L (7 hr [Vapour]) |

Skin Corrosion/Irritation

Assessment:

Causes skin irritation.

Product Data:

No data available.

Substance Data:

| Name | Result |
|--------------------------|-------------------------|
| Xylene | Causes skin irritation. |
| Trimethylbenzene | Causes skin irritation. |
| 1, 2, 4-Trimethylbenzene | Causes skin irritation. |

Serious Eye Damage/Irritation

Assessment:

Causes serious eye irritation.

Product Data:

No data available.

Substance Data:

| Name | Result |
|--------------------------|--------------------------------|
| Trimethylbenzene | Causes serious eye irritation. |
| Methyl acetate | Causes serious eye irritation. |
| 1, 2, 4-Trimethylbenzene | Causes serious eye irritation. |

Respiratory or Skin Sensitization

Assessment:

May cause an allergic skin reaction.

Product Data:

No data available.

Substance Data:

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| Name | Result |
|---------------------------------------|--------------------------------------|
| Hexamethylene diisocyanate, oligomers | May cause an allergic skin reaction. |

Carcinogenicity

Assessment:

May cause cancer.

Product Data: No data available.

Substance Data:

| Name | Species | Result |
|--------|---------|-------------------|
| Cumene | | May cause cancer. |

International Agency for Research on Cancer (IARC):

| Name | Classification |
|---------------------------------------|----------------|
| Xylene | Group 3 |
| Cymene | Not Applicable |
| Trimethylbenzene | Not Applicable |
| Hexamethylene diisocyanate, oligomers | Not Applicable |
| Methyl acetate | Not Applicable |
| 1, 2, 4-Trimethylbenzene | Not Applicable |
| Cumene | Group 2B |

National Toxicology Program (NTP):

| Name | Classification |
|---------------------------------------|--|
| Xylene | Not Applicable |
| Cymene | Not Applicable |
| Trimethylbenzene | Not Applicable |
| Hexamethylene diisocyanate, oligomers | Not Applicable |
| Methyl acetate | Not Applicable |
| 1, 2, 4-Trimethylbenzene | Not Applicable |
| Cumene | Reasonably anticipated to be human carcinogens |

OSHA Carcinogens: Not applicable

Germ Cell Mutagenicity

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

Product Data:

No data available.

Substance Data: No data available.

Reproductive Toxicity

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

Product Data:

No data available.

Substance Data: No data available.

Specific Target Organ Toxicity (Single Exposure)**Assessment:**

May cause respiratory irritation.

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May cause drowsiness or dizziness.

Product Data:

No data available.

Substance Data:

| Name | Result |
|---------------------------------------|------------------------------------|
| Hexamethylene diisocyanate, oligomers | May cause respiratory irritation. |
| Methyl acetate | May cause drowsiness or dizziness. |
| 1, 2, 4-Trimethylbenzene | May cause respiratory irritation. |
| Cumene | May cause respiratory irritation. |

Specific Target Organ Toxicity (Repeated Exposure)

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

Product Data:

No data available.

Substance Data: No data available.

Aspiration toxicity

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

Product Data:

No data available.

Substance Data:

| Name | Result |
|--------------------------|---|
| Xylene | May be fatal if swallowed and enters airways. |
| Cymene | May be fatal if swallowed and enters airways. |
| 1, 2, 4-Trimethylbenzene | May be fatal if swallowed and enters airways. |
| Cumene | May be fatal if swallowed and enters airways. |

Information on Likely Routes of Exposure:

No data available.

Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:

No data available.

Other Information:

No data available.

SECTION 12: Ecological Information

Acute (Short-Term) Toxicity

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

Product Data: No data available.

Substance Data:

| Name | Result |
|--------|--|
| Xylene | Fish LC50 <i>Oncorhynchus mykiss</i> : 2.6 mg/L (96 hr [Read-across substance data]) |
| | Aquatic Plants EC50 <i>Raphidocelis subcapitata</i> : 4.9 mg/L (72 hr [growth inhibition, Read-across substance data]) |

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| Name | Result |
|--------------------------|---|
| Methyl acetate | Fish LC50 Danio rerio: 250 - 350 mg/L (96 hr) |
| | Aquatic Invertebrates EC50 Daphnia magna: 1026.7 mg/L (48 hr [mobility]) |
| | Aquatic Plants EC50 Desmodosmus subspicatus: > 120 mg/L (72 hr [growth rate]) |
| 1, 2, 4-Trimethylbenzene | Fish LC50 Pimephales promelas: 7.72 mg/L (96 hr) |
| | Aquatic Invertebrates LC50 Daphnia magna: 3.6 mg/L (48 hr) |
| | Aquatic Plants EC50 Green algae: 2.356 mg/L (96 hr [QSAR]) |
| Cumene | Fish LC50 Cyprinodon variegatus: 4.7 mg/L (96 hr) |
| | Aquatic Invertebrates EC50 Daphnia magna: 2.14 mg/L (48 hr [mobility]) |
| | Aquatic Plants EC50 Desmodosmus subspicatus: 2.01 mg/L (72 hr [growth rate]) |

Chronic (Long-Term) Toxicity

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

Product Data: No data available.

Substance Data:

| Name | Result |
|--------|--|
| Xylene | Fish NOEC Danio rerio: 0.714 mg/L (35 d [post hatch survival and overall survival Read-across substance data]) |
| | Aquatic Invertebrates NOEC Daphnia magna: 1.57 mg/L (21 d [reproduction, Read-across substance data]) |
| Cumene | Fish NOEC Danio rerio and Pimephales promelas: 0.38 mg/L (28 d [QSAR]) |
| | Aquatic Invertebrates NOEC Daphnia magna: 0.35 mg/L (21 d [reproduction and survival of parent animals]) |

Persistence and Degradability

Product Data: No data available.

Substance Data:

| Name | Result |
|---------------------------------------|--|
| Xylene | The substance is readily biodegradable .94% degradation in water, measured by O2 consumption, after 28 days (Read-across substance data). |
| Hexamethylene diisocyanate, oligomers | The substance is not readily biodegradable.1% degradation in water, measured by O2 consumption, after 28 days. |
| Methyl acetate | The substance is readily biodegradable (70% degradation measured by O2 consumption after 28 days). |
| 1, 2, 4-Trimethylbenzene | Based on a weight of evidence assessment, this substance does not meet the criteria for ready biodegradability but is considered to be biodegradable and would not be persistent in the environment. |
| Cumene | The substance is readily biodegradable.70% degradation in water, measured by O2 consumption, after 20 days. |

Bioaccumulative Potential

Product Data: No data available.

Substance Data:

| Name | Result |
|--------|--|
| Xylene | The substance is not expected to bioaccumulate (BCF=25.9 dimensionless). |

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| Name | Result |
|---------------------------------------|---|
| Hexamethylene diisocyanate, oligomers | The substance has the potential to bioaccumulate (log Kow: 3.2, QSAR substance data). |
| Methyl acetate | The substance has low potential to bioaccumulate (log Kow = 0.18). |
| 1, 2, 4-Trimethylbenzene | Substance has the potential to bioaccumulate (calculated BCF: 243). |
| Cumene | The substance has the potential to bioaccumulate (log Pow= 3.55 at 23 °C). |

Mobility in Soil

Product Data: No data available.

Substance Data:

| Name | Result |
|---------------------------------------|---|
| Xylene | The substance is moderately mobile, therefore, slight adsorption to soil is expected (log Koc=2.73 dimensionless, Read-across substance data). |
| Hexamethylene diisocyanate, oligomers | The substance is slightly mobile, therefore, adsorption to soil and sediment is expected (log Koc:3.682, QSAR substance data).. |
| Methyl acetate | The substance is highly mobile in soil then it has a low potential for adsorption to soil and sediment (log Koc: 0.18). |
| 1, 2, 4-Trimethylbenzene | Substance is slightly mobile with a high potential for adsorption to soil and sediment (calculated log Koc: 3.04). |
| Cumene | The substance is moderately mobile; therefore, slight adsorption to soil is expected (log Koc: 2.946). |

Results of PBT and vPvB assessment

Product Data:

PBT assessment: This product does not contain any substances that are assessed to be a PBT.

vPvB assessment: This product does not contain any substances that are assessed to be a vPvB.

Substance Data:

PBT assessment:

| | |
|--------------------------|---------------------------|
| Xylene | The substance is not PBT. |
| Methyl acetate | The substance is not PBT. |
| 1, 2, 4-Trimethylbenzene | The substance is not PBT. |
| Cumene | The substance is not PBT. |

vPvB assessment:

| | |
|--------------------------|----------------------------|
| Xylene | The substance is not vPvB. |
| Methyl acetate | The substance is not vPvB. |
| 1, 2, 4-Trimethylbenzene | The substance is not vPvB. |
| Cumene | The substance is not vPvB. |

Other Adverse Effects: No data available.

SECTION 13: Disposal Considerations

Disposal Methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

Contaminated packages:

Not determined or not applicable.

SECTION 14: Transport Information

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United States Transportation of Dangerous Goods (49 CFR DOT)

| | |
|--------------------------------------|---|
| UN Number | UN1263 |
| UN Proper Shipping Name | Paint related material |
| UN Transport Hazard Class(es) | 3   |
| Packing Group | II |
| Environmental Hazards | Marine Pollutant |
| Special Precautions for User | None |

International Maritime Dangerous Goods (IMDG)

| | |
|--------------------------------------|---|
| UN Number | UN1263 |
| UN Proper Shipping Name | Paint related material |
| UN Transport Hazard Class(es) | 3   |
| Packing Group | II |
| Environmental Hazards | Marine Pollutant |
| Special Precautions for User | None |

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

| | |
|--------------------------------------|---------------|
| UN Number | Not regulated |
| UN Proper Shipping Name | Not regulated |
| UN Transport Hazard Class(es) | None |
| Packing Group | None |
| Environmental Hazards | None |
| Special Precautions for User | None |

SECTION 15: Regulatory Information

United States Regulations

Inventory Listing (TSCA): All ingredients are listed-active or exempt.

Significant New Use Rule (TSCA Section 5): None of the ingredients are listed.

Export Notification under TSCA Section 12(b): None of the ingredients are listed.

SARA Section 302 Extremely Hazardous Substances: None of the ingredients are listed.

SARA Section 313 Toxic Chemicals:

| | | |
|-----------|--------------------------|--------|
| 1330-20-7 | Xylene | Listed |
| 95-63-6 | 1, 2, 4-Trimethylbenzene | Listed |
| 98-82-8 | Cumene | Listed |

CERCLA:

| | | | |
|------------|----------------|--------|-----------------------|
| 1330-20-7 | Xylene | Listed | 100 lbs |
| 25155-15-1 | Cymene | Listed | 100 lbs for RCRA D001 |
| 79-20-9 | Methyl acetate | Listed | 100 lb |

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| | | | |
|---------|--------|--------|---------|
| 98-82-8 | Cumene | Listed | 5000 lb |
|---------|--------|--------|---------|

RCRA:

| | | | |
|------------|----------------|--------|------|
| 1330-20-7 | Xylene | Listed | U239 |
| 25155-15-1 | Cymene | Listed | D001 |
| 79-20-9 | Methyl acetate | Listed | D001 |
| 98-82-8 | Cumene | Listed | U055 |

Section 112(r) of the Clean Air Act (CAA): None of the ingredients are listed.

Massachusetts Right to Know:

| | | |
|------------|--------------------------|--------|
| 1330-20-7 | Xylene | Listed |
| 25551-13-7 | Trimethylbenzene | Listed |
| 79-20-9 | Methyl acetate | Listed |
| 95-63-6 | 1, 2, 4-Trimethylbenzene | Listed |
| 98-82-8 | Cumene | Listed |

New Jersey Right to Know:

| | | |
|------------|--------------------------|--------|
| 1330-20-7 | Xylene | Listed |
| 25155-15-1 | Cymene | Listed |
| 25551-13-7 | Trimethylbenzene | Listed |
| 79-20-9 | Methyl acetate | Listed |
| 95-63-6 | 1, 2, 4-Trimethylbenzene | Listed |
| 98-82-8 | Cumene | Listed |

New York Right to Know:

| | | |
|------------|--------------------------|--------|
| 1330-20-7 | Xylene | Listed |
| 25155-15-1 | Cymene | Listed |
| 25551-13-7 | Trimethylbenzene | Listed |
| 79-20-9 | Methyl acetate | Listed |
| 95-63-6 | 1, 2, 4-Trimethylbenzene | Listed |
| 98-82-8 | Cumene | Listed |

Pennsylvania Right to Know:

| | | |
|------------|--------------------------|--------|
| 1330-20-7 | Xylene | Listed |
| 25551-13-7 | Trimethylbenzene | Listed |
| 79-20-9 | Methyl acetate | Listed |
| 95-63-6 | 1, 2, 4-Trimethylbenzene | Listed |
| 98-82-8 | Cumene | Listed |

California Proposition 65:

⚠️WARNING: This product can expose you to Cumene; which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

Additional information: Not determined.

SECTION 16: Other Information

Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be

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considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

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End of Safety Data Sheet