

Part Number: 10015

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Name: Acetone-Xylene 1:1
Part Number: 10015
CAS-No.: Not applicable
SDS Number: 2080

1.2 Recommended Use: Laboratory Chemicals

1.3 Company: NEWCOMER SUPPLY
 1020 PRAIRIE VIEW CT
 WAUNAKEE WI 53597-8512

Telephone: 1-800-383-7799
Fax: 1-608-831-0866
Website: www.newcomersupply.com
Email: info@newcomersupply.com

24 HOUR EMERGENCY CONTACT
 CALL CHEMTREC: 1-800-424-9300
 Contact CHEMTREC only in the event of an emergency involving a chemical spill, leak, fire, exposure or other accident.

2. HAZARD(S) IDENTIFICATION

2.1 Classification of the substance or mixture
GHS Classification, (in accordance with 29 CFR1910.1200)
 Flammable liquid, Category 2
 Serious Eye Damage/Eye irritation, Category 2A
 Specific Target Organ Toxicity – Single exposure, Category 3
 Acute toxicity (dermal), Category 4
 Acute toxicity (inhalation), Category 4

2.2 GHS Label elements

Signal Word DANGER

Pictogram



Hazard Statement(s):

- Highly flammable liquid and vapour
- Causes serious eye irritation
- May cause respiratory irritation
- May cause drowsiness or dizziness
- Harmful in contact with skin
- Harmful if inhaled

Precautionary Statement(s):

Prevention:

- Keep away from heat/sparks/open flames/hot surfaces – No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof fume hood/electrical/ventilating/light equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash skin thoroughly after handling.
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Use only outdoors or in a well-ventilated area.

Response:

- In case of fire use carbon dioxide, dry chemical or alcohol-resistant foam.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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- Wash contaminated clothing before reuse.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
- Specific treatment: see first aid measures in section 4.
- Call a POISON CENTER or doctor/physician if you feel unwell.

Storage:

- Store in a well ventilated place. Keep cool.
- Keep container tightly closed.
- Store locked up.

Disposal:

- Dispose of contents/ container to an approved waste disposal plant.

2.3 Description of any hazards not otherwise classified None

2.4 >1% of mixture with unknown acute toxicity None

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture Hazardous Components

| Component | | Concentration |
|-----------|-----------|---------------|
| Name | Acetone | |
| CAS-No. | 67-64-1 | 50% |
| Name | Xylenes | |
| CAS-No. | 1330-20-7 | 50% |

4. FIRST-AID MEASURES

4.1 Description of necessary measures

Inhalation (breathing)

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact

IF ON SKIN: Gently wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. Call a POISON CENTER or doctor/physician if you feel unwell.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists get medical advice/attention. Call a POISON CENTER or doctor/physician if you feel unwell.

Ingestion (swallowed)

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

4.2 Most important symptoms and or effects, acute and delayed

The most important symptoms/effects are presented in Section 2 and or Section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media

Carbon dioxide, dry chemical, water spray, alcohol-resistant foam.

5.2 Specific hazards arising from the substance or mixture

No data available

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5.3 Protective equipment and precautions for fire-fighters

Wear a positive-pressure self-contained breathing apparatus if necessary. Wear chemical resistant clothing as recommended by clothing manufacturer.

NFPA Rating

| | | |
|-----------|-----------|------------|
| Health | Fire | Reactivity |
| hazard: 2 | hazard: 3 | hazard: 0 |

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Apply personal protective equipment (see Section 8). Use in a properly ventilated area. Avoid breathing vapors. Avoid skin contact. Avoid eye contact. Wash hands after use. In case of large spill, remove personnel to a safe area. Keep product away from heat, flame, ignition sources, and reactive materials. Avoid accumulation of vapor to form explosive concentration. Pay particular attention to low areas where vapor accumulates more easily.

6.2 Methods and material for containment and cleaning up

Apply personal protective equipment (see Section 8). Contain spill. Prevent further leakage if possible and safe to do so. Ensure proper ventilation. For small amounts, wipe or absorb spill using inert material and dispose of according to local regulations. For large amounts, evacuate area and limit access. Prevent entry of material into sewage drains and confined areas. Dispose of any contaminated materials according to local regulations. Eliminate sources of ignition.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing.

7.2 Conditions for safe storage, including any incompatibilities

Refer to Section 2.2 for proper storage temperature. Store the tightly closed container in a cool, dry, well-ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Components with limit values that require monitoring at the workplace

| Component | CAS-No. | Regulatory | Value | Parameters |
|-----------|---------|------------|-------|--------------------------------------|
| Acetone | 67-64-1 | OSHA PEL | TWA | 1,000 ppm (2,400 mg/m ³) |
| | | ACGIH TLV | TWA | 750 ppm (1,780 mg/m ³) |
| | | ACGIH TLV | STEL | 1,000 ppm (2,380 mg/m ³) |
| | | NIOSH REL | TWA | 250 ppm (590 mg/m ³) |

| Component | CAS-No. | Regulatory | Value | Parameters |
|-----------|-----------|------------|-------|----------------------------------|
| Xylenes | 1330-20-7 | OSHA PEL | TWA | 100 ppm (435 mg/m ³) |
| | | ACGIH TLV | TWA | 100 ppm (434 mg/m ³) |
| | | ACGIH TLV | STEL | 150 ppm (651 mg/m ³) |
| | | NIOSH REL | TWA | 100 ppm (435 mg/m ³) |
| | | NIOSH REL | STEL | 150 ppm (655 mg/m ³) |

8.2 Exposure Controls

Appropriate engineering controls

Use in a properly ventilated area. Remove/wash before reuse contaminated clothing. Wash hands upon exiting work premises. Use product in an appropriately designated fume hood. Take measures to keep concentrations below acceptable limits.

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8.3 Personal Protective Equipment

Eye/Face protection

Wear chemical safety goggles and/or a full face shield if splashing is possible. Keep eye wash fountain nearby.

Skin Protection

Wear chemical-resistant gloves. Gloves should be resistant to components of product. Refer to glove manufacturer for appropriate type and glove thickness.

Body Protection

No data available

Respiratory Protection

Respirators should only be used if the employer has implemented a written program that takes into account workplace conditions, requirements for worker training, respirator fit testing, and medical exams, as described in the OSHA Respiratory Protection Standard (29 CFR 1910.134).

In case of emergency, entry into or escape from unknown concentrations, select the highest level approved respiratory protection available.

Other Information

None

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | |
|---|------------------------|
| Physical state | Colorless liquid |
| Odor | No data available |
| Odor threshold | No data available |
| pH | No data available |
| Melting point/freezing point | No data available |
| Initial boiling point and boiling range | No data available |
| Flash point | No data available |
| Evaporation rate | No data available |
| Flammability (solid, gas) | No data available |
| Upper flammability or explosive limits | No data available |
| Lower flammability or explosive limits | No data available |
| Vapor pressure | No data available |
| Vapor density | No data available |
| Relative density | No data available |
| Solubility(ies) | Not soluble with water |
| Partition coefficient: n-octanol/water | No data available |
| Auto-ignition temperature | No data available |
| Decomposition temperature | No data available |
| Viscosity | No data available |

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available

10.2 Chemical stability

Stable in a closed container within label-specified storage temperature and expiration date.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

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Heat, sparks, open flame, and ignition sources.

10.5 Incompatible materials

Strong oxidizing materials, strong acids and bases, acetic acid, nitric acid, and most common metals.

10.6 Hazardous decomposition products

No data available

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Inhalation exposure

Headache, lightheadedness, nasal irritation were noted in workers exposed to concentrations considerably in excess of 1,000 ppm and perhaps as high as 6,500 ppm. Exposure to high concentrations can cause headache, nausea and vomiting, dizziness, lightheadedness and even passing out.

Oral exposure

No data available

Dermal exposure

No data available

Skin corrosion/irritation

Acetone can cause skin irritation. Prolonged or repeated exposure can cause drying and cracking of the skin with redness.

Serious eye damage/irritation

Acetone has been reported to cause burning sensation in the eyes at vapor concentration of 500 ppm. Reports of irritation in acclimated workers include a range of 1000-1500 ppm.

Respiratory or skin sensitization

Exposure to acetone can irritate the nose.

Germ cell mutagenicity

No data available

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

Acetone may affect the kidneys and liver.

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

Acute toxicity

Acetone:

LD50 rat oral 5800 mg/kg

LD50 rabbit oral 5340 mg/kg

LD50 mouse oral 3000 mg/kg

LCLo mouse inhalation 45,455 ppm/1H

Xylenes:

LD50 rat oral 5000 mg/kg

Carcinogenicity

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IARC: None of the components are listed
NTP: None of the components are listed
OSHA: None of the components are listed

Additional information

RTECS: No data available

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste disposal methods

Contents

Dispose of contents in a safe manner to comply with local, state and federal regulations. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging

Dispose of packaging in a safe manner to comply with local, state and federal regulations. Contact a licensed professional waste disposal service to dispose of this material.

14. TRANSPORT INFORMATION

14.1 DOT (US)

| | |
|------------------------------|--|
| UN-Number | UN1090 |
| Proper shipping name | Flammable liquids, n.o.s. (Acetone-xylene mixture) |
| Hazard class | 3 |
| Packing group | II |
| Environmental hazards | No data available |

15. REGULATORY INFORMATION

15.1 No data available

16. OTHER INFORMATION

Preparation Information
Newcomer Supply Inc.
800-383-7799
www.newcomersupply.com
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