

Part Number: 1445

1. PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Product Name:** Choice Mounting Medium
Part Number: 1032
CAS-No.: Not applicable
SDS Number: 5030
- 1.2 Recommended Use:** Laboratory Chemicals
- 1.3 Company:** Newcomer Supply
 2505 Parview Road
 Middleton, WI 53562 USA
- 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

Skin irritation, Category 2

Serious Eye Damage/Eye irritation, Category 2

Carcinogenicity, Category 2

Reproductive toxicity, Category 2

Acute toxicity (dermal), Category 4

Acute toxicity (inhalation), Category 4

Acute toxicity (oral), Category 4

Specific Target Organ Toxicity – Single exposure, Category 2

Specific Target Organ Toxicity – Repeated exposure, Category 2

Aspiration Hazard, Category 1

2.2 GHS Label elements

Signal Word DANGER

Pictogram



Hazard Statement(s):

- Flammable liquid and vapour
- Causes skin irritation
- Causes serious eye irritation
- Suspected of causing cancer
- Suspected of damaging fertility or the unborn child
- Harmful in contact with skin
- Harmful if inhaled
- Harmful if swallowed
- May cause respiratory irritation
- May cause drowsiness or dizziness
- May cause damage to organs through prolonged or repeated exposure
- May be fatal if swallowed and enters airways

Precautionary Statement(s):

Prevention:

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.

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- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Keep container tightly closed.
- Ground and 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.
- Do not breathe dust/fume/gas/mist/vapors/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 [or shower].
- Wash contaminated clothing before reuse.
- If skin irritation occurs: Get medical advice/attention.
- IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- If eye irritation persists get medical advice/attention.
- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- Specific treatment: see first aid measures in section 4.
- IF exposed or concerned: Get medical advice/attention.

Storage:

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

Disposal:

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

2.3 Description of any hazards not otherwise classified None

2.4 $\geq 1\%$ of mixture with unknown acute toxicity None

3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.2 Mixture
Hazardous Components**

Component		Concentration
Name	Toluene	
CAS-No.	108-88-3	70-73%
Name	Acylate resin	
CAS-No.	28262-63-7	25-28%
Name	Butylated hydroxytoluene	
CAS-No.	128-37-0	<1%
Name	Butyl benzyl phthalate	
CAS-No.	85-68-7	<1%

4. FIRST-AID MEASURES

4.1 Description of necessary measures

Inhalation (breathing)

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IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF exposed or concerned: Get medical advice/attention.

Skin Contact

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water [or shower]. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

Eye Contact

IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists get medical advice/attention.

Ingestion (swallowed)

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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

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

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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
Toluene	108-88-3	OSHA PEL	TWA	200 ppm
		OSHA PEL	TWA (vacated)	100 ppm (375 mg/m ³)
		OSHA PEL	STEL (vacated)	150 ppm (560 mg/m ³)
		OSHA PEL	Ceiling	300 ppm
		ACGIH TLV	TWA	20 ppm
		NIOSH IDLH	IDLH	500 ppm
		NIOSH IDLH	TWA	100 ppm (375 mg/m ³)
Butylated Hydroxytoluene	128-37-0	OSHA PEL	TWA (vacated)	10 mg/m ³
		ACGIH TLV	TWA	2 mg/m ³
		NIOSH IDLH	TWA	10 mg/m ³
		NIOSH IDLH	STEL	150 ppm (560 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.

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.

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Other Information

None

9. PHYSICAL AND CHEMICAL PROPERTIES
9.1 Information on basic physical and chemical properties

Physical state	Clear, colorless liquid
Odor	Characteristic
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)	Flammable liquid
Upper flammability or explosive limits	No data available
Lower flammability or explosive limits	No data available
Vapor pressure	47 mmHg
Vapor density	No data available
Relative density	0.95-0.99
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
Bulk density	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

Heat, sparks, open flame, and ignition sources.

10.5 Incompatible materials

Strong oxidizing materials, strong acids and bases.

10.6 Hazardous decomposition products

Carbon oxides, carbon monoxide, carbon dioxide. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

11. TOXICOLOGICAL INFORMATION
11.1 Information on toxicological effects
Inhalation exposure

No data available

Oral exposure

No data available

Dermal exposure

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No data available

Skin corrosion/irritation

Contact with ethylbenzene and xylenes can irritate the skin.

Serious eye damage/irritation

Contact with ethylbenzene and xylenes can irritate the eyes.

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Reproductive toxicity

Xylenes may damage the developing fetus.

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

Repeated or prolonged exposure may cause central nervous system damage. Cancer hazard.

Aspiration hazard

No data available

Acute toxicity

Toluene:

LD50 rat oral 260 mg/kg

LD50 rabbit dermal 12000 mg/kg

LC50 rat inhalation 12.5 mg/l/4 hours

Butylated Hydroxytoluene:

LD50 rat oral >2930 mg/kg

LD50 rat dermal >2000 mg/kg

Butyl Benzyl Phthalate:

LD50 rat oral 2330 mg/kg

LD50 rat dermal 6700 mg/kg

LC50 rat inhalation >6.7 mg/l/4 hours

Carcinogenicity

ACGIH: Animal carcinogen

IARC: 2B - Possibly carcinogenic to humans.

NTP: 3 - not classifiable as to carcinogenicity to humans.

OSHA: Listed

Additional information

RTECS: No data available

12. ECOLOGICAL INFORMATION**12.1 Ecotoxicity**

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Toluene: (Algae/aquatic plants) 433: 96 h Pseudokirchneriella subcapitata mg/L EC50 12.5: 72 h Pseudokirchneriella subcapitata mg/L EC50 static; (Fish) 5.8: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 14.1 - 17.16: 96 h Oncorhynchus mykiss mg/L LC50 static 11.0 - 15.0: 96 h Lepomis macrochirus mg/L LC50 static 28.2: 96 h Poecilia reticulata mg/L LC50 semi-static 5.89 - 7.81: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 12.6: 96 h Pimephales promelas mg/L LC50 static 54: 96 h Oryzias latipes mg/L LC50 static 15.22 - 19.05: 96 h Pimephales promelas mg/L LC50 flow through 50.87 - 70.34: 96 h; (Crustacea) 11.5: 48 h Daphnia magna mg/L EC50 5.46 - 9.83: 48 h Daphnia magna mg/L EC50 Static Poecilia reticulata mg/L LC50 static.

Butyl benzyl phthalate: (Algae) 0.02 - 0.25: 96 h Pseudokirchneriella subcapitata mg/L EC50 0.2 - 28.2: 72 h Pseudokirchneriella subcapitata mg/L EC50; (Fish) 0.82: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 1.39 - 3.88: 96 h Pimephales promelas mg/L LC50 flow-through 0.78: 96 h Pimephales promelas mg/L LC50 static 1.0 - 10.0: 96 h Lepomis macrochirus mg/L LC50 static 1.0 - 10.0: 96 h Oncorhynchus mykiss mg/L LC50 static; (Crustacea) 0.97: 48 h Daphnia magna mg/L EC50 0.9 - 1.1: 48 h Daphnia magna mg/L EC50 Static 0.76: 48 h Daphnia magna mg/L EC50 Flow through 1.28: 48 h Daphnia magna mg/L EC50 semi-static

Butylated hydroxytoluene: (Algae) 0.42: 72 h Desmodesmus subspicatus mg/L EC50 6: 72 h Pseudokirchneriella subcapitata mg/L EC50; (Fish) 5: 48 h Oryzias latipes mg/L LC50

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

The product contains volatile compounds (VOC) which will evaporate easily from all surfaces. It will likely be mobile in the environment due to its volatility. Disperses rapidly in the air.

Partition Coefficient:

Toluene: 2.7; Butylated hydroxytoluene: 4.17; Butyl benzyl phthalate: 4.91

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

UN1866

Proper shipping name

Resin Solution

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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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