SDS ACID-ELIM-GB
Issue 1, Version 2 Revised 30 August 2017

Acid Eliminator™

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier

Acid-Eliminator™

1.2 Relevant identified uses of the substances or mixture and of the company/undertaking

Chemically neutralizes and prevents acids that are formed in air conditioning and refrigeration systems due to break-down, moisture, and compressor burnouts.

1.3 Details of the supplier of the safety data sheet

Manufactured by (USA): DiversiTech Corporation
6650 Sugarloaf Parkway
Duluth, GA 30097

Manufactured for (UK): Pump House
Glaisdale Drive East
Nottingham
NG8 4LY
United Kingdom
Tel: +44 1159005858
Fax: +44 1159294468
Email: www.pumph.co.uk.com

1.4 Emergency telephone number

Emergency tel: 001 +1813 248 0585, 24 Hours, 7 Emergency Days, Chem-Tel, Inc.

SECTION 2. HAZARDOUS IDENTIFICATION

2.1 Classification of the mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

GHS Classification:

Aspiration Toxicity	Category 1
Aquatic Chronic	Category 4

2.2 Label Elements:

Signal Word: Danger!

Hazard Statement(s)

H304	May be fatal if swallowed and enters airways.
H413	May cause long lasting harmful effects to aquatic life.

Precautionary Statement(s)

P102	Keep out of reach of children.
P103	Read label before use.
P273	Avoid release to the environment.
P301 + 310	IF SWALLOWED: Immediately call your national POISON CENTRE information service or a doctor.
P331	Do NOT induce vomiting.
P405	Store locked up.
P501	Dispose of contents and container in accordance with international and local regulations.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

INGREDIENT	CAS No.	EINECS No.	% or Range	GHS Classification
Alkylbenzene	68855-24-3	272-472-8	98-99	H304: Aspiration Tox.: Category 1 H413: Aquatic Chronic: Category 4

3.2 Mixtures

No further information

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

Skin contact - Immediately flush skin with plenty of water for at least 15 minutes. Remove all contaminated clothes and footwear immediately unless stuck to skin. Get medical attention immediately after administering first aid.

Eye contact - Immediately flush eyes with plenty of water for 15 minutes, lifting lower and upper eyelids occasionally. If relevant, remove contact lenses. Get medical attention immediately after administering first aid.

Ingestion - Call the nearest national poison centre for medical advice. Do not induce vomiting. Do not leave victim unattended. To prevent aspiration lay victim on side with head lower than waist.

Inhalation - Remove casualty from exposure ensuring one's own safety whilst doing so. If not breathing give artificial respiration. If breathing becomes laboured, give oxygen. Get medical attention.

4.2. Signs and Symptoms of Exposure

Inhalation: Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).

Ingestion: Maybe fatal if swallowed and enters airways. May cause stomach distress, nausea or vomiting.

Skin Contact: Minimally irritating. Prolonged contact may cause dermatitis, redness or defatting.

Eye Contact: May cause eye temporary irritation or discomfort.

Aggravated Medical Condition: Contact or breathing mists may exacerbate existing skin or respiratory disorders.

4.3 Indication of any immediate attention and special treatment needed

Immediate attention is required in all cases.

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Any extinguisher suitable for Class B fires, dry chemical, CO_2, water spray or firefighting foam.

5.2 Special hazards arising from the substance or mixture

Burning fluid may evolve irritating/noxious fume, smoke carbon monoxide, and minor amounts of sulfur and nitrogen.

5.3 Advice for fire-fighters

Firefighters should wear NIOSHA/MSHA-approved pressure-demand self-contained breathing apparatus with full face piece and full protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Keep unnecessary and unprotected people away from area of spill. Refer to section 8 of SDS for personal protection details. Remove contaminated clothing immediately.

6.2 Environmental precautions

Do not flush large volumes into the sewer.

6.3 Methods and material for containment and cleaning up

Contain the spill immediately and absorb with inert materials to prevent the spread of liquid. Absorb liquid with aborbents such as sand, dirt, vermiculite, or commercial oil absorbent pads. Transfer absorbed material to suitable containers, and dispose of in accordance with international and local regulations.

6.4 Reference to other sections

Please refer to Section 8 for details on protective wear.

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SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin, eyes, and clothing. Keep this and all chemicals out of the reach of children.

7.2 Condition for safe storage, including any incompatibilities

Store in a dry, cool, well-ventilated area. Store locked up. Empty containers retain residue and can be dangerous. All containers should be disposed of in an environmentally safe manner, and in accordance with all local and international regulations.

7.3 Specific end use(s)

No further details

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

ALKYLBENZENE
UK - 8 hour day: PEL: 5 mg/m3 (mist)
UK- 8 hour day: TLV: 10 mg/m3 (mist)

8.2 Exposure controls

Ensure there is sufficient ventilation of the area. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Eye/face protection: Use chemical safety goggles and/or a full face shield where splashing is possible. A source of running water or other eyewash provisions should be nearby.
Skin protection:
Hand protection: Protective gloves.
Other: Protective clothing.
Respiratory protection: Not required during normal use.
Thermal hazards: Not relevant.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Clear yellow liquid
Odor: Mild, potroleum odor
Odor Threshold: Not established
pH @ 25°C: Not applicable
Melting Point (Pour Point): Not applicable
Boiling Point: >300°F
Flash Point: 150°C
Freezing Point: Not applicable
Evaporation Rate (Water = 1): Not applicable
Viscosity: No data available
Solubility in water: Insoluble in water
Octanol/Water Partition Coefficient: Not available
Auto-ignition Temperature: >340°C
Decomposition Temperature: Not available
Vapor Density (Air = 1): Not available
Vapor pressure (mm Hg): 0.01Pa @20°C
Flammable Limits: No data available

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable

10.2 Chemical Stability

Stable.

10.3 Possibility of Hazardous Reactions

Will not occur.

10.4 Conditions to Avoid

Do not mix with other chemicals.

10.5 Incompatible Materials

Anhydrides, sodium, organometallic compounds, oxygen and strong oxidizing agents.

10.6 Hazardous Decomposition Products

Carbon oxides formed when burned.

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SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects and Potential health effects:

11.1.1 Acute Toxicity: No data available.
11.1.2 Irritation: Minimally irritating. Prolonged contact may cause dermatitis, redness or defatting.
11.1.3 Corrosive: Not corrosive.
11.1.4 Sensitisation: Not expected to be a sensitizer
11.1.5 Repeated dose toxicity: Not expected to lead to concerns when compared to corrositivity.
11.1.6 Carcinogenicity: Not expected to be carcinogenic.
11.1.7 Mutagenicity: Not expected to be mutagenic
11.1.8 Toxicity for reproduction: Not expected to be toxic for reproduction
11.1.9 Route of exposure: Inhalation.

Symptoms related to the physical, chemical and toxicological characteristics: No data available.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

Chronic hazards to the aquatic environment

96-hr: LC50 Rainbow Trout: >1000 mg/l

96-hr: LC50 Sheepshead Minnow: : >1000 mg/l

72-hr: EC-50 Selenastrum capricirnutum: >1000 mg/l

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

This material is not expected to be readily biodegradable.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

This substance is not identified as a PBT substance.

12.6 Other adverse effects

No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Disposal operations - Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging - Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility.

Please follow all local, regional, national and international laws.

SECTION 14. TRANSPORTATION INFORMATION

This product is not considered dangerous/hazardous for transit by RID, ADR, ADNR, IMDG, and IATA-DGR regulations.

14.1 UN number

None

14.2 UN proper shipping name

None

14.3 Transport hazard class(es)

None

14.4 Packing group

None

14.5 Environmental hazards

Not Environmentally Hazardous Substance

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable to packaged goods

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SECTION 14. TRANSPORTATION INFORMATION (cont.)

Mode-specific information:

ROAD/RAIL (ADR/RID/CDG)	None
SEA (IMDG)	Not Marine Pollutant None
AIR (ICAO/IATA)	None

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substances or mixture

The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

15.2 Chemical safety assessment

A chemical safety assessment has not been conducted.

SECTION 16. OTHER INFORMATION

Other information

This safety data sheet is prepared in accordance with Regulation (EC) No 1272/2008 (CLP).
Revision Summary: All Sections: New GHS Format

Abbreviations:

UN Model Regulations means the Model Regulations annexed to the most recently revised edition of the Recommendations on the Transport of Dangerous Goods published by the United Nations.
IMDG Code means the International Maritime Dangerous Goods code, as amended.
ADR means the European Agreement concerning the International Carriage of Dangerous Goods by Road, as amended.
RID means the Regulations concerning the International Carriage of Dangerous Goods by Rail, as amended.
ADN means the European Agreement concerning the International Transport of Dangerous Goods by Inland Waterways, as amended.

Sources of key data:

UK Regulatory References: The Control of Substances Hazardous to Health Regulations 2002 (as amended 2004). European Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures.
Approved Code of Practice: Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply. British
Workplace Exposure Limits EH40.
Classification and Labelling Guidance: Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Annex 2
Precautionary Statement and Pictograms: Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Annex 3
Guidance on the Preparation of Safety Data Sheets: Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Annex 4

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