

SAFETY DATA SHEET AXE ALUMINIUM REFILLABLE VENT AIR FRESHENER - ALASKA

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

1. Identification

Product identifier

Product name AXE ALUMINIUM REFILLABLE VENT AIR FRESHENER - ALASKA

Product number 71035

Recommended use of the chemical and restrictions on use

Application Air Freshener

Details of the supplier of the safety data sheet

Supplier C. A. International Sarl

Place Bel-Air 5, Nyon Geneva, 1260

Switzerland

T: +44 (0) 1488 662770 F: +44 (0) 1488 662771 E: info@caeurope.co.uk

Emergency telephone number

Emergency telephone +44 (0) 1488 662770 (9:00-5:00 pm Monday to Friday UK Time)

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Skin Sens. 1 - H317

Environmental hazards Aquatic Acute 3 - H402 Aquatic Chronic 3 - H412

Label elements

Hazard symbols



Signal word Warning

Hazard statements H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements P102 Keep out of reach of children.

P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
P501 Dispose of contents/ container in accordance with national regulations.

Contains linalool, coumarin, Linalyl acetate, Pentadecan-15-olide

Labeling notes This product is a consumer product and is labeled in accordance with the Consumer Product

Safety Commission regulations and not OSHA regulations.

Other hazards

This product does not contain any substances classified as PBT or vPvB.

3. Composition/information on ingredients

Mixtures

Sulfuric acid, calcium salt, hydrate (1:1:2) 60 - 100%

CAS number: 10101-41-4

Classification

Not Classified

2,6-dimethylheptan-2-ol 2.5 - <5%

CAS number: 13254-34-7

Classification

Skin Irrit. 2 - H315 Eye Irrit. 2A - H319

3,5,5-trimethylhexyl acetate 1 - <2.5%

CAS number: 58430-94-7

Classification

Skin Irrit. 2 - H315

Aquatic Chronic 2 - H411

linalool 1 - <2.5%

CAS number: 78-70-6

Classification

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

Skin Sens. 1 - H317

Linalyl acetate 1 - <2.5%

CAS number: 115-95-7

Classification

Skin Irrit. 2 - H315

Eye Irrit. 2A - H319 Skin Sens. 1B - H317

coumarin 1 - <2.5%

CAS number: 91-64-5

Classification

Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411

A mixture of: cis-tetrahydro-2-isobutyl-4-methylpyran-4-ol; trans-tetrahydro-2-isobutyl-4-methylpyran-4-ol

1 - <2.5%

CAS number: 63500-71-0

Classification

Eye Irrit. 2A - H319

Pentadecan-15-olide 1 - <2.5%

CAS number: 106-02-5

Classification

Skin Sens. 1B - H317 Aquatic Chronic 2 - H411

Allyl (cyclohexyloxy)acetate 1 - <2.5%

CAS number: 68901-15-5

M factor (Acute) = 1 M factor (Chronic) = 1

Classification

Acute Tox. 4 - H302 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

1-(2,6,6-trimethyl-2-cyclohexen-1-yl)pent-1-en-3-one

0.5 - <1%

CAS number: 7779-30-8

Classification

Skin Sens. 1 - H317 Aquatic Chronic 2 - H411

3-(p-ethylphenyl)-2,2-dimethylpropionaldehyde

0.025 - < 0.25%

CAS number: 67634-15-5 M factor (Acute) = 1

Classification

Skin Irrit. 2 - H315 Skin Sens. 1B - H317 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411

Eucalyptol 0.025 - <0.25%

CAS number: 470-82-6

Classification

Flam. Liq. 3 - H226 Skin Sens. 1B - H317

Methyl 2,4-dihydroxy-3,6-dimethylbenzoate

0.025 - < 0.25%

CAS number: 4707-47-5

Classification

Skin Sens. 1B - H317

Isomenthone 0.025 - <0.25%

CAS number: 491-07-6

Classification

Skin Irrit. 2 - H315 Skin Sens. 1 - H317

Isocyclemone E 0.025 - <0.25%

CAS number: 54464-57-2

M factor (Acute) = 1 M factor (Chronic) = 1

Classification

Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

d-limonene 0.025 - <0.25%

CAS number: 5989-27-5

M factor (Acute) = 1 M factor (Chronic) = 1

Classification

Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

hexyl cinnamic aldehyde 0.025 - <0.25%

CAS number: 101-86-0

Classification
Skin Sens. 1 - H317

The full text for all hazard statements is displayed in Section 16.

4. First-aid measures

Description of first aid measures

General information If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical

personnel.

Inhalation The product is considered to be a low hazard under normal conditions of use. Move affected

person to fresh air and keep warm and at rest in a position comfortable for breathing. Get

medical attention if any discomfort continues.

Ingestion Rinse immediately with plenty of water. Do not induce vomiting. If vomiting occurs, the head

should be kept low so that vomit does not enter the lungs. Get medical attention.

Skin Contact Wash skin thoroughly with soap and water. In the event of any sensitization symptoms

developing, ensure further exposure is avoided. Get medical attention if irritation persists after

washing.

Eye contact Remove any contact lenses and open eyelids wide apart. Rinse cautiously with water for

several minutes. Get medical attention if any discomfort continues.

Most important symptoms and effects, both acute and delayed

General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure. The product contains a small amount of sensitizing substance.

Inhalation Symptoms following overexposure may include the following: Headache.

Ingestion Due to the physical nature of this product, it is unlikely that ingestion will occur. May be a

choking hazard. May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin contact May cause sensitization or allergic reactions in sensitive individuals.

Eye contact May be slightly irritating to eyes.

Indication of immediate medical attention and special treatment needed

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry

powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing

media

Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Specific hazards None known.

Hazardous combustion

products

Thermal decomposition or combustion products may include the following substances:

Carbon dioxide (CO2). Carbon monoxide (CO).

Advice for firefighters

Protective actions during

firefighting

Avoid breathing fire gases or vapors. Evacuate area. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Special protective equipment

for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will

provide a basic level of protection for chemical incidents.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate

ventilation. Avoid contact with eyes and prolonged skin contact.

Environmental precautions

Environmental precautions Avoid discharge to the aquatic environment.

Methods and material for containment and cleaning up

Methods for cleaning up Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills

immediately and dispose of waste safely. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health

hazards. See Section 12 for additional information on ecological hazards. For waste disposal,

see Section 13.

7. Handling and storage

Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations. For personal protection, see Section 8.

Keep out of the reach of children. The product contains a sensitizing substance. Avoid contact with eyes and prolonged skin contact. Persons susceptible to allergic reactions should not

handle this product.

Advice on general occupational hygiene

Do not eat, drink or smoke when using this product. Good personal hygiene procedures

should be implemented. Wash hands thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage precautions Keep in a cool place. Do not store near heat sources or expose to high temperatures.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

8. Exposure controls/Personal protection

Control parameters

Occupational exposure limits

Comment The following constituents are the only constituents of the product which have a PEL, TLV or

other recommended exposure limit. At this time, the other constituents have no known

exposure limits.

Sulfuric acid, calcium salt, hydrate (1:1:2)

Long-term exposure limit (8-hour TWA): ACGIH 10 mg/m³ inhalable fraction ACGIH = American Conference of Governmental Industrial Hygienists.

Exposure controls

Appropriate engineering

controls

Provide adequate ventilation.

Eye/face protectionNo specific eye protection required during normal use. Eyewear complying with an approved

standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with OSHA 1910.133.

Hand protection No specific requirements are anticipated under normal conditions of use. Large Spillages:

Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with OSHA 1910.138

and be demonstrated to be impervious to the chemical and resist degradation.

Hygiene measures Good personal hygiene procedures should be implemented. Persons susceptible to allergic

reactions should not handle this product. When using do not eat, drink or smoke. Wash hands

thoroughly after handling.

Respiratory protection No specific requirements are anticipated under normal conditions of use. Large Spillages:

Provide adequate ventilation. If ventilation is inadequate, suitable respiratory protection must be worn. Ensure all respiratory protective equipment is suitable for its intended use and is

NIOSH approved.

Environmental exposure

controls

Keep container tightly sealed when not in use. Avoid discharge to the aquatic environment.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance Solid.

Color Not available.

Odor Characteristic.

Odor threshold Not available.

pH Not applicable.

Melting point Not available.

Initial boiling point and range Not applicable.

Flash point Not available.

Evaporation rate Not available.

Evaporation factor Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or

explosive limits

Not available.

Vapor pressureNot available.Vapor densityNot available.Relative densityNot available.Bulk densityNot available.Solubility(ies)Not available.Partition coefficientNot available.

Auto-ignition temperature Not available.

Decomposition Temperature Not available.

Viscosity Not available.

Explosive properties Not considered to be explosive.

Oxidizing properties Does not meet the criteria for classification as oxidizing.

Other information None.

10. Stability and reactivity

Reactivity There are no known reactivity hazards associated with this product.

Stability Stable at normal ambient temperatures and when used as recommended.

Possibility of hazardous

reactions

No potentially hazardous reactions known.

Conditions to avoid Avoid excessive heat for prolonged periods of time.

Materials to avoid

No specific material or group of materials is likely to react with the product to produce a

hazardous situation.

Hazardous decomposition

products

Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

ATE oral (mg/kg) 18,295.06

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

ATE dermal (mg/kg) 26,935.1

Acute toxicity - inhalation

Notes (inhalation LC50) Based on available data the classification criteria are not met.

ATE inhalation (dusts/mists

mg/l)

45.96

Skin corrosion/irritation

Animal data Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitization

Respiratory sensitization Based on available data the classification criteria are not met.

Skin sensitization

Skin sensitization May cause sensitization or allergic reactions in sensitive individuals.

Germ cell mutagenicity

Genotoxicity - in vitro

Based on available data the classification criteria are not met.

Genotoxicity - in vivo

Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity -

development

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Not relevant. Solid.

General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure. The product contains a sensitizing substance.

Inhalation Symptoms following overexposure may include the following: Headache.

Ingestion May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin Contact May cause sensitization or allergic reactions in sensitive individuals.

Eye contact May cause temporary eye irritation.

Route of exposure Inhalation Ingestion Skin and/or eye contact

Toxicological information on ingredients.

linalool

Acute toxicity - oral

Acute toxicity oral (LD50

2,790.0

mg/kg)

Species Rat

Notes (oral LD₅o) REACH dossier information. Based on available data the classification criteria are

not met.

ATE oral (mg/kg) 2,790.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ 5,610.0

mg/kg)

Species Rabbit

Notes (dermal LD₅₀) REACH dossier information. Based on available data the classification criteria are

not met.

5.610.0 ATE dermal (mg/kg)

Skin corrosion/irritation

Animal data Dose: 0.5 ml, 4 hours, Rabbit Erythema/eschar score: Well defined erythema (2).

Edema score: Very slight oedema - barely perceptible (1). REACH dossier

information. Irritating.

Serious eye damage/irritation

Serious eye Dose: 0.1 ml, 1 second, Rabbit REACH dossier information. Causes serious eye

damage/irritation irritation.

Skin sensitization

Skin sensitization Local Lymph Node Assay (LLNA) - Mouse: Sensitizing. REACH dossier

information. May cause an allergic skin reaction.

Germ cell mutagenicity

Genotoxicity - in vitro Gene mutation: Negative. REACH dossier information. Based on available data the

classification criteria are not met.

Genotoxicity - in vivo Chromosome aberration: Negative. REACH dossier information. Based on available

data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity -

fertility

Screening - NOAEL 500 mg/kg/day, Oral, Rat P REACH dossier information. Based

on available data the classification criteria are not met.

Reproductive toxicity -

development

Maternal toxicity: - NOAEL: 500 mg/kg/day, Oral, Rat REACH dossier information.

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 160 mg/kg/day, Oral, Rat REACH dossier information. Based on available

data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Not anticipated to present an aspiration hazard, based on chemical structure.

coumarin

Acute toxicity - oral

Acute toxicity oral (LD50

293.0

mg/kg)

Species Rat

Notes (oral LD₅₀) REACH dossier information. Toxic if swallowed.

ATE oral (mg/kg) 293.0 Revision date: 8/11/2019

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Acute toxicity - dermal

Acute toxicity dermal (LD50 293.0

mg/kg)

Species Rat

Notes (dermal LD₅o) REACH dossier information. Toxic in contact with skin.

ATE dermal (mg/kg) 293.0

Acute toxicity - inhalation

Notes (inhalation LC₅₀) REACH dossier information. Toxic if inhaled.

ATE inhalation 0.5

(dusts/mists mg/l)

Skin corrosion/irritation

Animal data Primary dermal irritation index: 1.15 REACH dossier information. Based on

available data the classification criteria are not met.

Skin sensitization

Skin sensitization Sensitizing. REACH dossier information.

Germ cell mutagenicity

Genotoxicity - in vitro Chromosome aberration: Negative. REACH dossier information. Based on available

data the classification criteria are not met.

Genotoxicity - in vivo Chromosome aberration: Negative. REACH dossier information. Based on available

data the classification criteria are not met.

Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

Reproductive toxicity

Reproductive toxicity - Screening - NOEC 0.25 %, Oral, Mouse P REACH dossier information. Based on

fertility available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOEC 42 mg/kg/day, Oral, Rat REACH dossier information. Based on available

data the classification criteria are not met.

12. Ecological information

Toxicity Harmful to aquatic life with long lasting effects.

Ecological information on ingredients.

linalool

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 27.8 mg/l, Oncorhynchus mykiss (Rainbow trout)

REACH dossier information.

Acute toxicity - aquatic

EC₅o, 48 hours: 59 mg/l, Daphnia magna

invertebrates

REACH dossier information.

Acute toxicity - aquatic

EC₅₀, 96 hours: 88.3 mg/l, Scenedesmus subspicatus

plants

REACH dossier information.

Revision date: 8/11/2019

AXE ALUMINIUM REFILLABLE VENT AIR FRESHENER - ALASKA

coumarin

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 1.324 mg/l, Freshwater fish

REACH dossier information.

Acute toxicity - aquatic EC₅₀, 48 hours: 8.012 mg/l, Daphnia sp.

invertebrates REACH dossier information.

Persistence and degradability

Persistence and degradability The degradability of the product is not known.

Ecological information on ingredients.

linalool

Biodegradation Water - Degradation 64.2: 28 days

REACH dossier information.

The substance is readily biodegradable.

coumarin

Biodegradation Water - Degradation 100: 28 days

REACH dossier information.

The substance is readily biodegradable.

Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

Partition coefficient Not available.

Ecological information on ingredients.

linalool

Partition coefficient log Pow: 2.9 REACH dossier information.

coumarin

Bio-Accumulative Potential The product is not bioaccumulating.

Partition coefficient log Pow: 1.39 REACH dossier information.

Mobility in soil

Mobility The product is insoluble in water.

Ecological information on ingredients.

linalool

Mobility The product is water-soluble and may spread in water systems.

Surface tension 8.3 mN/m @ 20°C REACH dossier information.

coumarin

Mobility The product is partly soluble in water and may spread in the aquatic environment.

Other adverse effects

Other adverse effects Not known.

Ecological information on ingredients.

linalool

Other adverse effects Not known.

coumarin

Other adverse effects Not known.

13. Disposal considerations

Waste treatment methods

General information The generation of waste should be minimized or avoided wherever possible. Reuse or recycle

products wherever possible. Avoid discharge to the aquatic environment. This material and its

container must be disposed of in a safe way.

Disposal methods Waste packaging should be collected for reuse or recycling. Dispose of contents/container in

accordance with local regulations.

14. Transport information

General The product is not covered by international regulations on the transport of dangerous goods

(IMDG, IATA, DOT).

UN Number

UN No. (International) Not applicable.

UN No. (DOT) Not applicable.

UN proper shipping name

Proper shipping name

(International)

Not applicable.

Proper shipping name (DOT) Not applicable.

Transport hazard class(es)

Transport Labels (International)

No transport warning sign required.

DOT transport labels

No transport warning sign required.

Packing group

Packing group (International) Not applicable.

DOT packing group Not applicable.

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

Not applicable.

DOT reportable quantity Not applicable.

DOT TIH Zone Not applicable.

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

15. Regulatory information

National regulations OSHA Hazard Communication Standard 29 CFR §1910.1200

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

None of the ingredients are listed or exempt.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

None of the ingredients are listed or exempt.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

None of the ingredients are listed or exempt.

SARA 313 Emission Reporting

None of the ingredients are listed or exempt.

CAA Accidental Release Prevention

None of the ingredients are listed or exempt.

FDA - Essential Chemical

None of the ingredients are listed or exempt.

FDA - Precursor Chemical

None of the ingredients are listed or exempt.

SARA (311/312) Hazard Categories

None of the ingredients are listed or exempt.

OSHA Highly Hazardous Chemicals

None of the ingredients are listed or exempt.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-I)

None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-II)

None of the ingredients are listed or exempt.

California Directors List of Hazardous Substances

The following ingredients are listed or exempt:

coumarin

Present.

Massachusetts "Right To Know" List

None of the ingredients are listed or exempt.

Rhode Island "Right To Know" List

The following ingredients are listed or exempt:

Sulfuric acid, calcium salt, hydrate (1:1:2)

Present.

Minnesota "Right To Know" List

None of the ingredients are listed or exempt.

New Jersey "Right To Know" List

None of the ingredients are listed or exempt.

Pennsylvania "Right To Know" List

None of the ingredients are listed or exempt.

Inventories

US-TSCA

All the ingredients are listed or exempt.

16. Other information

Key literature references and

sources for data

REACH dossier information. Source: European Chemicals Agency, http://echa.europa.eu/

Supplier's information.

Training advice Read and follow manufacturer's recommendations.

Revision comments This is the first issue.

Revision date 8/11/2019

SDS No. 5081

Hazard statements in full H226 Flammable liquid and vapor.

H301 Toxic if swallowed. H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H311 Toxic in contact with skin. H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H400 Very toxic to aquatic life. H402 Harmful to aquatic life.

H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.