



SAFETY DATA SHEET

ACETONE - PURE & VIRGIN

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Compilation date: 11/01/2011

Revision date: 07/12/2022

Revision No: 3

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: ACETONE - PURE & VIRGIN

REACH registered number(s): 01-2119471330-49-XXXX

CAS number: 67-64-1

EINECS number: 200-662-2

Index number: 606-001-00-8

Product code: 003-RM

Synonyms: 2-PROPANONE

DIMETHYL KETONE

PROPAN-2-ONE

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: Industrial application. PC19: Intermediate.

1.3. Details of the supplier of the safety data sheet

Company name: Multex Chemicals Ltd.

Multex House

Cannon Street

HULL

East Yorkshire

HU2 OAB

Tel: 01482 320432

Fax: 01482 321777

Email: info@multexchemicals.co.uk

1.4. Emergency telephone number

Emergency tel: 01482 320432

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066

Most important adverse effects: Repeated exposure may cause skin dryness or cracking. Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness.

[cont...]

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2.2. Label elements

Label elements:

Hazard statements: EUH066: Repeated exposure may cause skin dryness or cracking.

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark



Signal words: Danger

Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261: Avoid breathing vapours.

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

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

Rinse skin with water .

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

P312: Call physician if you feel unwell.

P370+P378: In case of fire: Use media other than water to extinguish.

P501: Dispose of contents/container to Licensed waste disposal contractor. Empty containers may contain residual product and vapours. Do NOT cut or weld on or near empty containers.

P243: Take action to prevent static discharges.

P242: Use non-sparking tools.

2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: ACETONE - PURE & VIRGIN

CAS number: 67-64-1

EINECS number: 200-662-2

REACH registered number(s): 01-2119471330-49-XXXX

[cont...]

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Section 4: First aid measures

4.1. Description of first aid measures

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Remove contaminated clothing, and launder or air thoroughly before reusing.
- Eye contact:** Remove Contact Lenses. Bathe the eye with running water for 15 minutes. If irritation persists seek medical advice
- Ingestion:** Do not induce vomiting. Wash out mouth with water. If conscious, give half a litre of water to drink immediately. Consult a doctor.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

- Skin contact:** There may be mild irritation at the site of contact. May cause skin dryness or cracking with repeated exposure. Repeated contact may cause dermatitis.
- Eye contact:** There may be pain and redness.
- Ingestion:** There may be soreness and redness of the mouth and throat. Headaches or general malaise may result. Nausea and stomach pain may occur. May cause drowsiness. May cause dizziness.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur. Absorption through the lungs can occur causing symptoms similar to those of ingestion. Nausea and stomach pain may occur.
- Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: DO NOT USE use high pressure water jets. This may spread burning material. Suitable extinguishing media for the surrounding fire should be used. Alcohol resistant foam. Dry chemical powder. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Highly flammable. Vapour may travel considerable distance to source of ignition and flash back. Forms explosive air-vapour mixture. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.

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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition. Evacuate the area immediately. If outside keep bystanders upwind and away from danger point.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks. Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance. Smoking is forbidden. Do not handle in a confined space. Earth any equipment used in handling. Use non-sparking tools. Containers must be bonded to avoid static discharge

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

Suitable packaging: Steel drums. Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

State	8 hour TWA	15 min. STEL	Respirable dust	8 hour TWA	15 min. STEL
UK	1210 mg/m ³	3620 mg/m ³	-	-	-

Respirable dust

DNEL/PNEC Values

[cont...]

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Type	Exposure	Value	Population	Effect
PNEC	Dermal	-	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition. Ensure all engineering measures mentioned in section 7 of SDS are in place.

Respiratory protection: If ventilation is poor, Gas/vapour filter, type A: organic vapours (EN141). Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves. Neoprene gloves. Nitrile gloves. PVC gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand. contact lenses should not be worn when handling this product.

Skin protection: Protective clothing. Oil-resistant protective clothing. Solvent resistant protective clothing.

Environmental: Ensure all engineering measures mentioned in section 7 of SDS are in place.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Aromatic

Evaporation rate: Fast

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Highly soluble

Also soluble in: Most organic solvents.

Boiling point/range°C: 56

Melting point/range°C: -95

Flammability limits %: lower: 2.5

upper: 14.3

Flash point°C: -17 (closed Cup)

Autoflammability°C: 540

Vapour pressure: 240 mbar@20 C

Relative density: 0.79

pH: Neutral

VOC g/l: 100%

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

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10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames. Direct sunlight.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Acids. Bases.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
ORL	RAT	LD50	5800	mg/kg
ORL	MUS	LD50	3000	mg/kg
IVN	RAT	LD50	5500	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact. May cause skin dryness or cracking with repeated exposure. Repeated contact may cause dermatitis.

Eye contact: There may be pain and redness.

Ingestion: There may be soreness and redness of the mouth and throat. Headaches or general malaise may result. Nausea and stomach pain may occur. May cause drowsiness. May cause dizziness.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur. Absorption through the lungs can occur causing symptoms similar to those of ingestion. Nausea and stomach pain may occur.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

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12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	5540	mg/l
Daphnia magna	48H EC50	8800	mg/l

12.2. Persistence and degradability

Persistence and degradability: Rapidly biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Incineration is a suitable method of disposal of unwanted material. Dispose of waste and residues in accordance with local authority requirements. Empty containers may contain residual flammable vapours and product residue. Keep away from sparks, heat and sources of ignition. Unlaundered containers must be treated the same as if full. Dispose of rags to fireproof bucket.

Disposal of packaging: Arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1090

14.2. UN proper shipping name

Shipping name: ACETONE

14.3. Transport hazard class(es)

Transport class: 3

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14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 2

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.