

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

1.1. Product identifier

Product name: IKO ArmourPrep
REACH registered name: ACETONE
REACH registered number(s): 01-2119471330-49
CAS number: 67-64-1
EINECS number: 200-662-2
Index number: 606-001-00-8

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

Use of substance / mixture: Solvent

1.3. Details of the supplier of the safety data sheet

Company name: IKO PLC
Appley Lane North
Appley Bridge
Wigan
Lancashire
WN6 9AB
UK
Tel: 0844 873 1062

WEB: www.ikogroup.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0)1257 256864 **Opening Times:** 0900 - 1700 Monday to Friday

Section 2: Hazards identification

2.1. Classification of the substance or mixture

This product is classified according to EC Regulation 1907/2006 (REACH) & 1272/2008 (CLP) & 453/2010

Most important adverse effects: Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness.

2.2. Label elements

Label elements under CLP:

Hazard statements: H225: Highly flammable liquid and vapour.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.

Signal words: Danger

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark



Precautionary statements: P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P241: Use explosion-proof electrical/ventilating/lighting equipment.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing.
Rinse skin with water/shower.
P405: Store locked up.
P501: Dispose of contents/container to national regulations.

2.3. Other hazards

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

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

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: ACETONE

CAS number: 67-64-1

EINECS number: 200-662-2

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Instantly remove any clothing soiled by the product. Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor

Eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

Ingestion: Do not induce vomiting. call for medical help immediately

Inhalation: Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

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

Skin contact: Irritant to skin and mucous membranes.

Eye contact: irritating to eyes and skin

Inhalation: Dizziness may occur headaches, nausea, danger of pulmonary oedema.

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: Dry chemical powder. Alcohol or polymer foam. Water spray. Water fog. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

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

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear protective equipment. Keep unprotected persons away.. Keep people at a distance and stay on the windward side. Provide for sufficient ventilation. Eliminate all sources of ignition.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Do not allow product to reach sewage system or any water course Prevent entry into drains and water courses. Advise authorities if material enters watercourses or sewers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Ensure sufficient ventilation Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust) Absorb liquid components with liquid-binding material. Send for recovery or disposal in suitable receptacles. Dispose contaminated material as waste according to item 13

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. Keep ignition sources away. Do not smoke Protect against electrostatic charges.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Store in cool, dry conditions in well sealed containers.

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:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	-	N/A FOR AS004	N/A FOR AS004

Hazardous ingredients:

ACETONE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1210 mg/m3	3620 mg/m3	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Keep away from foodstuffs, drinks and tobacco. Wash hands before breaks and at the end of work. Keep working clothes separate. Take of immediately all contaminated clothing.

Respiratory protection: If exposure levels are likely to be exceeded, use a full face mask fitted with an organic AXP3 filter for short term low level exposures. For long term or high level exposures, compressed airline breathing apparatus should be used.

Hand protection: Avoid skin contact. For repeated exposure use Viton or 4H chemical gloves. for low exposure use nitrile gloves. The user has a legal duty to carry out a COSHH risk assessment to determine the correct glove.

Eye protection: Safety glasses. Tightly fitting safety goggles.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Characteristic odour

Viscosity: Non-viscous

Boiling point/range°C: 56

upper: 13.0

Autoflammability°C: 465

Relative density: 0.790

Flammability limits %: lower: 2.6

Flash point°C: -18

Vapour pressure: 233hPa

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. Stable at room temperature.

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.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
DERMAL	RBT	LD50	2000	mg/kg
ORAL	RAT	LD50	5800	mg/kg
VAPOURS	RAT	4H LC50	>5	mg/l

Hazardous ingredients:

ACETONE

IVN	RAT	LD50	5500	mg/kg
ORL	MUS	LD50	3000	mg/kg
ORL	RAT	LD50	5800	mg/kg

Relevant hazards for substance:

Hazard	Route	Basis
--------	-------	-------

Serious eye damage/irritation	OPT	Based on test data
STOT-single exposure	-	Based on test data

Symptoms / routes of exposure

Skin contact: Irritant to skin and mucous membranes.

Eye contact: irritating to eyes and skin

Inhalation: Dizziness may occur headaches, nausea, danger of pulmonary oedema.

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

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
ALGAE	96H LC50	>100	mg/l
FISH	96H LC50	100	mg/l
Iepomois macrochirus	96H LC50	8300	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

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

Section 13: Disposal considerations

13.1. Waste treatment methods

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

Disposal of packaging: Arrange for disposal by a licenced waste 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

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 not 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 453/2010.

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

Phrases used in s.2 and s.3: 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.



Safety Data Sheet
According to EC Regulation 1907/2006
(REACH) & 1272/2008 (CLP) & 453/2010/
Version number 2.0

Revision: 01.06.2015

Page 8 of 8

Version History.

Version 1.0 June 1st 2015 New release for Classification, Labelling Packaging Regulations

Version 2.0 April 2017 Revised to remove references to CHIP and R Phrases

[end...]