

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

1.1. Product identifier

Product name: X KITTIWAKE REAGENT B/ WATER IN OIL TEST REAGENT

Product code: XAS-K10114-KW

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

Use of substance / mixture: Oil test reagent.

1.3. Details of the supplier of the safety data sheet

Company name: Parker Hannifin Ltd , Parker Kittiwake

3 - 6 Thorgate Road
Lineside Industrial Estate
Littlehampton
West Sussex
BN17 7LU
UK

Tel: +44 (0) 1903 731470

Fax: +44 (0) 1903 731480

Email: sds@kittiwake.com

1.4. Emergency telephone number

Emergency tel: +32 3 575 11 30 (SGS 24/7 Emergency Hotline)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Water-react. 1: H260

Most important adverse effects: In contact with water releases flammable gases which may ignite spontaneously.

2.2. Label elements

Label elements:

Hazard statements: H260: In contact with water releases flammable gases which may ignite spontaneously.

Signal words: Danger

Hazard pictograms: GHS02: Flame



Precautionary statements: P223: Keep away from any possible contact with water, because of violent reaction and possible flash fire.

P231+232: Handle under inert gas. Protect from moisture.

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

P335+334: Brush off loose particles from skin. Immerse in cool water.

P370+378: In case of fire: Use carbon dioxide to extinguish.

P402+404: Store in a dry place. Store in a closed container.

2.3. Other hazards

Other hazards: Reacts violently with water. Hygroscopic: readily absorbs water from air.

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

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: X KITTIWAKE REAGENT B/ WATER IN OIL TEST REAGENT

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.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Do not induce vomiting. If conscious, give half a litre of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

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

Skin contact: Irritation or pain may occur at the site of contact.

Eye contact: There may be irritation and redness. Corneal burns may occur.

Ingestion: Corrosive burns may appear around the lips. Nausea and stomach pain may occur. There may be vomiting and diarrhoea. There may be loss of consciousness. Convulsions may occur.

Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion. Exposure may cause coughing or wheezing. There may be congestion of the lungs causing severe shortness of breath. Convulsions may occur.

[cont...]

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Dry chemical powder. Do not use water.

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.

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: Eliminate all sources of ignition. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Notify the police and fire brigade immediately. Do not create dust. Evacuate the area immediately. May produce vapour/mists in the event of a spillage.

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: Take all measures to minimise contact with water. Do not use equipment in clean-up procedure which may produce sparks. The fire brigade must be present at any clean-up operation of larger spills. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is exhaust ventilation of the area. Smoking is forbidden. Avoid the formation or spread of dust in the air. Use non-sparking tools. Prevent contact with water.

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. Ensure lighting and electrical equipment are not a source of ignition. Avoid contact with water or humidity.

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Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): Oil test reagent.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is exhaust ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety goggles.

Skin protection: Protective clothing with elasticated cuffs and closed neck. Boots made of PVC.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Powder

Colour: Grey

Odour: Odourless

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Reacts with water.

Melting point/range°C: 675

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: Unstable.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

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10.4. Conditions to avoid

Conditions to avoid: Sources of ignition. Moist air. Humidity.

10.5. Incompatible materials

Materials to avoid: Water. Oxidising agents. Reducing agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: Contact with water liberates extremely flammable gases.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: Irritation or pain may occur at the site of contact.

Eye contact: There may be irritation and redness. Corneal burns may occur.

Ingestion: Corrosive burns may appear around the lips. Nausea and stomach pain may occur.

There may be vomiting and diarrhoea. There may be loss of consciousness.

Convulsions may occur.

Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

Exposure may cause coughing or wheezing. There may be congestion of the lungs

causing severe shortness of breath. Convulsions may occur.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Insoluble in water. Final destination of reacted products is soil / sediment.

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

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13.1. Waste treatment methods

Disposal operations: Incineration on land.

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

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: UN1404

14.2. UN proper shipping name

Shipping name: CALCIUM HYDRIDE

14.3. Transport hazard class(es)

Transport class: 4.3

14.4. Packing group

Packing group: I

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

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: H260: In contact with water releases flammable gases which may ignite spontaneously.

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.