



SAFETY DATA SHEET

IBS Compound

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

1.1. Product identifier

Product name IBS Compound

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

Identified uses Offshore Industries Sealant. Polymer preparations and compounds

1.3. Details of the supplier of the safety data sheet

Supplier KCI Energy Services Ltd
 Units 6 & 7
 1 Kirkhill Place
 Kirkhill Industrial Estate
 Dyce
 Aberdeen
 AB21 0GU
 UK
 +44 (0) 1224 255480
<http://www.kciltld.co.uk/>
info@kciltld.co.uk

Contact person Roy MacKenzie

1.4. Emergency telephone number

Emergency telephone +44 (0) 131 516 7290 (office hours only) +44 (0) 7876 656870 (office hours only)

National emergency telephone NHS: 111 (Members of the public)

number UK National Poisons Information Service: 0844 892 0111 (Health Professionals Only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified

Health hazards Asp. Tox. 1 -
 H304

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Environmental hazards Not Classified

2.2. Label elements



Pictogram

Signal word Danger

Hazard statements H304 May be fatal if swallowed and enters airways.

Precautionary statements P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.
P405 Store locked up.
P501 Dispose of contents/container in accordance with national regulations.

Contains Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics	10-30%
CAS number: —	EC number: 927-632-8
	REACH registration number: 012119457736-27-0001
Classification	
Asp. Tox. 1 - H304	

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

Composition comments REACH Registration number provided is a supplier's registration number.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Inhalation Remove person to fresh air and keep comfortable for breathing. Get medical attention immediately.

Ingestion Do not induce vomiting. Avoid vomiting and stomach flushing because of the risk of aspiration. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Give plenty of water to drink. Get medical attention immediately.

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Skin contact	Take off immediately all contaminated clothing. Wash skin thoroughly with soap and water. Continue to rinse for at least 15 minutes and get medical attention.
Eye contact	Remove any contact lenses and open eyelids wide apart. Wash with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.
4.2. Most important symptoms and effects, both acute and delayed	
General information	Treat symptomatically.
Inhalation	No specific symptoms known.
Ingestion	Aspiration hazard if swallowed.
Skin contact	Prolonged or repeated exposure may cause the following adverse effects: Redness. Irritation. Eczema/contact dermatitis.
Eye contact	No specific symptoms known.
4.3. Indication of any immediate medical attention and special treatment needed	
Notes for the doctor	Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Foam. Dry chemicals, sand, dolomite etc.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products Oxides of carbon. Oxides of nitrogen. Oxides of sulphur.

5.3. Advice for firefighters

Protective actions during firefighting Stop leak if safe to do so. Avoid breathing fire gases or vapours. Cool containers exposed to flames with water until well after the fire is out. Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment materials. for firefighters Use protective equipment appropriate for surrounding materials. for firefighters

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.

6.2. Environmental precautions

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Environmental precautions Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers.

6.4. Reference to other sections

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.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid contact with skin, eyes and clothing. Avoid the formation of mists.

Advice on general Good personal hygiene procedures should be implemented. Eye wash facilities and occupational hygiene emergency shower must be available when handling this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics

This substance does not have an established exposure limit value.

Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics

DNEL Available hazard data do not enable the derivation of a DNEL for carcinogenic and dermal irritant effects.

Available hazard data enable the derivation of a DNEL for other health effects.

PNEC The mixture is demonstrably not hazardous for effects that are quantifiable.

8.2. Exposure controls

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Protective equipment



Appropriate engineering

controls

Provide adequate general and local exhaust ventilation.

Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield.

Hand protection

To protect hands from chemicals, gloves should comply with European Standard EN374. 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.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures

Good personal hygiene procedures should be implemented. Wash hands thoroughly after handling.

Respiratory protection

Respiratory protection not required.

Thermal hazards

Not applicable.

Environmental exposure controls

Keep container tightly sealed when not in use. Do not discharge into drains or watercourses or onto the ground.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	White.
Odour	Slight. Sweetish. pH Not determined.
Melting point	-18°C (Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics) REACH dossier information.
Initial boiling point and range	240 - 335°C @ 101.325 kPa (Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics) REACH dossier information.
Flash point	> 105°C PMCC (Pensky-Martens closed cup). (Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics) REACH dossier information.
Other flammability	The product is not flammable.
Vapour pressure	0.001 kPa @ 20°C (Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics) REACH dossier information.
Relative density	0.93 - 0.98 @ 15°C

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Solubility(ies)	Water Technically not feasible. (Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics) REACH dossier information.
Viscosity	Kinematic viscosity > 20.5 mm ² /s.
Explosive properties	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.
Comments	This product is a UVCB substance and its composition will be variable, so reported properties may vary or require a range of values to describe them.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity The reactivity data for this product will be typical of those for the following class of materials:
Organic compounds - aliphatic.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Will not polymerise.

10.4. Conditions to avoid

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

10.5. Incompatible materials

Materials to avoid Avoid contact with the following materials: Oxidising materials. Mineral acids.

10.6. Hazardous decomposition products

Hazardous decomposition products Oxides of carbon. Nitrous gases (NO_x). Oxides of sulphur. products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Aspiration hazard

Aspiration hazard May be fatal if swallowed and enters airways.

Toxicological information on ingredients.

Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics

Acute toxicity - oral

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Acute toxicity oral (LD ₅₀ mg/kg)	5,000.0
Species	Rat
ATE oral (mg/kg)	5,000
<u>Acute toxicity - dermal</u>	
Acute toxicity dermal (LD ₅₀ mg/kg)	3,160.0
Species	Rabbit
ATE dermal (mg/kg)	3,160
<u>Acute toxicity - inhalation</u>	
Acute toxicity inhalation (LC ₅₀ dust/mist mg/l)	5.266
Species	Rat
ATE inhalation (dusts/mists mg/l)	5.266
<u>Skin corrosion/irritation</u>	
Animal data	Not irritating.
<u>Serious eye damage/irritation</u>	
Serious eye damage/irritation	Not irritating.
<u>Respiratory sensitisation</u>	
Respiratory sensitisation	No information available.
<u>Skin sensitisation</u>	
Skin sensitisation	Scientifically unjustified.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Negative.
Genotoxicity - in vivo	Negative.
<u>Carcinogenicity</u>	
Carcinogenicity	Scientifically unjustified.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Conclusive data but not sufficient for classification.
Reproductive toxicity development	Conclusive data but not sufficient for classification.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	Conclusive data but not sufficient for classification.

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Specific target organ toxicity - repeated exposure

STOT - repeated exposure Conclusive data but not sufficient for classification.

Aspiration hazard

Aspiration hazard May be fatal if swallowed and enters airways.

SECTION 12: Ecological Information

Ecotoxicity Not regarded as dangerous for the environment.

12.1. Toxicity

Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics

Acute toxicity - fish	LL ₅₀ , 96 hour: >1028 mg/l, Scophthalmus maximus (Turbot), Marinewater fish
Acute toxicity - aquatic invertebrates	LL ₅₀ , 48 hour: >3193 mg/l, Acartia tonsa
Acute toxicity - aquatic plants	EC ₅₀ , 72 hour: >10000 mg/l, Phaeodactylum tricornutum
Acute toxicity microorganisms	EC ₅₀ , 3 hour: >100 mg/l, Activated sludge
Chronic toxicity - fish early life stage	NOELR, 28 day: >1000 mg/l, Onchorhynchus mykiss (Rainbow trout)
Chronic toxicity - aquatic invertebrates	NOELR, 21 day: >1000 mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability The product is readily biodegradable.

Ecological information on ingredients.

Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics

Phototransformation	Air - DT ₅₀ : < 10.195 hours
Biodegradation	Water - Degradation 74 %: 28 days

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

Ecological information on ingredients.

Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics

Partition coefficient	Technically not feasible.
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12.4. Mobility in soil

Ecological information on ingredients.

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Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics

Surface tension 24 - 27 mN/m @ 25°C

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB This product does not contain any substances classified as PBT or vPvB. assessment

Ecological information on ingredients.

Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics

Results of PBT and vPvB This product does not contain any substances classified as PBT or vPvB. assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste is classified as hazardous waste. Dispose of waste product or used containers in accordance with local regulations

Disposal methods Dispose of waste via a licensed waste disposal contractor.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

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14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not
applicable. Annex II of MARPOL 73/78 and
the IBC Code

SECTION 15: Regulatory information

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

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18
December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of
Chemicals (REACH) (as amended).
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16
December 2008 on classification, labelling and packaging of substances and mixtures (as
amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information The data contained herein does not constitute the user's own assessment or workplace
risk as required by other health and safety legislation (e.g. COSHH 1988). The data does
not signify any warranty with regard to the product's properties.

Revision date 08/07/2015

Revision 1

Supersedes date 31/03/2014

SDS number 4618

Hazard statements in full H304 May be fatal if swallowed and enters airways.