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

1.1. Product identifier

3H OIL FG
Bulk

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

Lubricants

1.3. Details of the supplier of the safety data sheet

CRC Industries UK Ltd.
Ambersil House - Wylds Road
Castlefield Industrial Estate
TA6 4DD Bridgwater Somerset
United Kingdom
Tel.: +44 1278 727200
Fax.: +44 1278 425644
E-mail : hse.uk@crcind.com

1.4. Emergency telephone number

(+44)(0)1278 72 7200 (office hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Physical:	None
Health:	Aspiration Hazard Category 1 May be fatal if swallowed and enters airways.
Environment:	Not classified
Other hazards :	None
Other hazards :	Not classified

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Product identifier:	white mineral oil (petroleum) EC N°: 232-455-8

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Hazard pictogram(s):

Signal word:	Danger
Hazard statement(s):	H304 : May be fatal if swallowed and enters airways.
Precautionary statement(s):	P101 : If medical advice is needed, have product container or label at hand. P102 : Keep out of reach of children.
	P301/310 : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331 : Do NOT induce vomiting.
	P501-2 : Dispose of contents/container to an authorised waste collection point.
Supplemental Hazard information:	None

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.1. Substances

white mineral oil (petroleum)

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
white mineral oil (petroleum)	01-2119487078-27	8042-47-5	232-455-8	60-100		-	B
Explanation notes							
B : substance with national established workplace exposure limit							

(* Explanation phrases : see chapter 16)

3.2. Mixtures

Not applicable.

SECTION 4: First aid measures

4.1. Description of first aid measures

Contact with eyes :	If substance has got into eyes, immediately wash out with plenty of water for several minutes Seek medical attention if irritation persists
Contact with skin :	Wash with water and soap. Seek medical attention if irritation persists
Inhalation :	Fresh air, keep warm and at rest. Seek medical attention if ill effects occur
Ingestion :	If swallowed do not induce vomiting Seek medical advice

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

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Inhalation :	Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Ingestion :	After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia. Symptoms : sore throat, abdominal pain, nausea, vomiting
Skin contact :	Mildly irritating to skin Symptoms : redness and pain
Eye contact :	Mildly irritating to eyes Symptoms : redness and pain

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

General Advice :	If you feel unwell, seek medical advice (show the label where possible If symptoms persist always call a doctor

SECTION 5: Firefighting measures

5.1. Extinguishing media

water, foam, carbon dioxide or dry agent

5.2. Special hazards arising from the substance or mixture

Forms hazardous decomposition products
CO,CO2

5.3. Advice for firefighters

Evacuate the area
Keep container(s) exposed to fire cool, by spraying with water
Do not allow to enter public sewers and watercourses
In case of fire, do not breathe fumes

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Shut off all ignition sources
Ensure adequate ventilation
Wear suitable protective clothing including eye/face protection.

6.2. Environmental precautions

Shut off source of leak if safe to do so
Do not allow to enter public sewers and watercourses
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

6.3. Methods and material for containment and cleaning up

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Absorb spillage in suitable inert material

6.4. Reference to other sections

For further information see section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep away from heat and sources of ignition
It is advisable to take precautions to avoid contact with skin and eyes when handling the product.
Ensure adequate ventilation
Avoid contact with skin and eyes.
Wash thoroughly after use
Wear protective gloves/protective clothing/eye protection/face protection.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed, in a cool, well ventilated place.
Keep out of reach of children.

7.3. Specific end use(s)

Lubricants

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits :

No information available

8.2. Exposure controls

Control procedures :	Ensure adequate ventilation
	Keep away from heat and sources of ignition
Personal protection :	Take precautions to avoid contact with skin and eyes when handling the product.
	Ensure adequate ventilation
inhalation :	In case of insufficient ventilation, wear suitable respiratory equipment.
hands and skin :	When handling the product wear chemical-resistant gloves (standard EN 374). The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through.
Recommended gloves:	Nitrile
eyes :	Wear safety eyewear according to EN 166.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Apperance : physical state :	Liquid.
colour :	Colorless.
odour :	Odorless.
pH :	Not applicable.
Boiling point/range :	Not available.
Flash point :	> 182 °C
Evaporation rate :	Not available.
Explosion limits : upper limit :	7.0 %
lower limit :	0.9 %
Vapour pressure :	< 0.013 kPa (@ 20°C).
Relative density :	0.850 g/cm3 (@ 20°C).
Solubility in water :	Insoluble in water
Auto-ignition :	Not available.
Viscosity :	14.5-17.5 mm²/s

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions known if used for its intended purpose

10.2. Chemical stability

Stable

10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

10.4. Conditions to avoid

Avoid overheating

10.5. Incompatible materials

Strong oxidising agent

10.6. Hazardous decomposition products

CO,CO2

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

acute toxicity:	based on available data the classification criteria are not met
skin corrosion/irritation:	based on available data the classification criteria are not met
serious eye damage/irritation:	based on available data the classification criteria are not met
respiratory or skin sensitisation:	based on available data the classification criteria are not met
germ cell mutagenicity:	based on available data the classification criteria are not met
carcinogenicity:	based on available data the classification criteria are not met
toxicity for reproduction:	based on available data the classification criteria are not met
STOT-single exposure:	based on available data the classification criteria are not met
STOT repeated exposure:	based on available data the classification criteria are not met
aspiration hazard:	May be fatal if swallowed and enters airways.

Information on likely routes of exposure:

Inhalation :	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Ingestion :	If swallowed do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention May induce chemical pneumonia.
Skin contact :	Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
Eye contact :	May cause irritation.

Toxicological data :

Hazardous ingredient	CAS-nr.	method	
white mineral oil (petroleum)	8042-47-5	LD50 oral rat	> 5000 mg/kg
		LC50 inhal.rat	> 5 mg/l
		LD50 derm.rabit	> 2000 mg/kg

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological data:

No information available

12.2. Persistence and degradability

Inherently biodegradable.

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12.3. Bioaccumulative potential

Potentially bioaccumulable

12.4. Mobility in soil

Insoluble in water

12.5. Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects

No information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product :	This material and its container must be disposed of in a safe way. Do not discharge into drains or the environment, dispose to an authorised waste collection point.
Contaminated packaging :	Disposal should be in accordance with local, state or national legislation

SECTION 14: Transport information

14.1. UN number

UN-number :	Not classified as hazardous for transport

14.2. UN proper shipping name

Proper shipping name:	Not applicable.

14.3. Transport hazard class(es)

Class:	Not applicable.
ADR/RID - Classification code:	Not applicable.

14.4. Packing group

Packing group:	Not applicable.

14.5. Environmental hazards

ADR/RID - Environmentally hazardous:	No

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IMDG - Marine pollutant:	No
IATA/ICAO - Environmentally hazardous:	No

14.6. Special precautions for user

IMDG - Ems:	Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

The Safety Data Sheet is compiled according to the current European requirements.
Regulation (EC) No 1907/2006 (REACH)
Regulation (EC) No 1272/2008 (CLP)

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

*Explanation hazard statements:	- : -
REVISIONS IN CHAPTRE :	8.2. Exposure controls

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.
The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.
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