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

1.1. Product identifier

SUGAR REMOVER & INHIBITOR 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.
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: Not classified
Classification is based on test data.
Health: Not classified
Classification based on calculation method.
Environment: Not classified
Classification based on calculation method.
Other hazards : Not classified

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

None

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Precautionary statement(s): P102 : Keep out of reach of children.
P501-2 : Dispose of contents/container to an authorised waste collection point.

2.3. Other hazards

No information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine	01-2119488991-20	110-25-8	203-749-3	0-1	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Acute 1	H332,H315,H318,H400	B
propan-2-ol; isopropyl alcohol ;isopropanol	01-2119457558-25	67-63-0	200-661-7	0-1	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3	H225,H319,H336	B
Explanation notes							
B : substance with national established workplace exposure limit							

(* Explanation phrases : see chapter 16)

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

Inhalation : Inhalation of solvent vapours may give rise to nausea, headaches and dizziness

Ingestion : May cause gastrointestinal disturbances

Skin contact : Mildly irritating to skin
Symptoms : redness and pain

Eye contact : Mildly irritating to eyes
Symptoms : redness and pain

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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

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

Keep container(s) exposed to fire cool, by spraying with water
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

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

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

Use only in well ventilated areas
Avoid contact with skin and eyes.

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Wash thoroughly after use

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, 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 :

Hazardous ingredient	CAS-nr.	method	
EU established exposure limits:			
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	TWA	400 ppm
		STEL	500 ppm
National established exposure limits, United Kingdom			
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	TWA	400 ppm
		STEL	500 ppm
National established exposure limits, Ireland			
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	TWA	200 ppm
		STEL	400 ppm

8.2. Exposure controls

Control procedures :	Ensure adequate ventilation
Personal protection :	Take precautions to avoid contact with skin and eyes when handling the product. It is good practice to wear gloves and to provide adequate ventilation whenever using the product. In all cases handle and use the product in accordance with good industrial hygiene practices.
inhalation :	Not necessary in normal use. Wear approved respirator if exposure likely to exceed MEL/OES
hands and skin :	For accidental contact the use of disposable gloves should be sufficient provided they are changed immediately after a splash or spill may occur. If intentional contact is expected reusable gloves should be used with a breakthrough time greater than the total duration of the product use.
Recommended gloves:	Nitrile
eyes :	Not necessary in normal use.

SECTION 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

Appearance : physical state :	Liquid.
colour :	Colorless.
odour :	Characteristic odor.
pH :	Not available.
Boiling point/range :	Not available.
Flash point :	None
Evaporation rate :	Not applicable.
Explosion limits : upper limit :	Not available.
lower limit :	Not available.
Vapour pressure :	Not available.
Relative density :	1.025 g/cm3 (@ 20°C).
Solubility in water :	Soluble in water
Auto-ignition :	Not available.
Viscosity :	Not available.

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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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:	based on available data the classification criteria are not met

Information on likely routes of exposure:

Inhalation :	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Ingestion :	May cause gastrointestinal disturbances
Skin contact :	May cause irritation.
Eye contact :	May cause irritation.

Toxicological data :

Hazardous ingredient	CAS-nr.	method	
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	LD50 oral rat	5840 mg/kg
		LC50 inhal.rat	> 25000 mg/l
		LD50 derm.rabit	13900 mg/kg

SECTION 12: Ecological information

12.1. Toxicity

Not classified

Ecotoxicological data:

Hazardous ingredient	CAS-nr.	method	
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	IC50 algae	1000 mg/l
		LC50 fish	9640 mg/l
		EC50 daphnia	9714 mg/l

12.2. Persistence and degradability

Biodegradable

12.3. Bioaccumulative potential

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Not applicable.

12.4. Mobility in soil

Soluble 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

	Do not discharge into drains or the environment, dispose to an authorised waste collection point.
National regulations :	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.
Subsidiary risk:	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
IMDG - Marine pollutant:	No
IATA/ICAO - Environmentally	No

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hazardous:

14.6. Special precautions for user

ADR/RID - Tunnelcode:	Not applicable.
IMDG - Ems:	Not applicable.
IATA/ICAO - PAX:	Not applicable.
IATA/ICAO - CAO	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:	H225 : Highly flammable liquid and vapour. H315 : Causes skin irritation. H318 : Causes serious eye damage. H319 : Causes serious eye irritation. H332 : Harmful if inhaled. H336 : May cause drowsiness or dizziness. H400 : Very toxic to aquatic life.
acronyms and synonyms:	TWA = time weight average STEL = short time exposure limit VOC = volatile organic compounds PBT = persistant bioaccumulative toxic vPvB = very persitant very bioaccumulative

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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