HALLIBURTON

SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010

SCA-130 INHIBITOR

Revision Date: 07-Sep-2015 **Revision Number: 24**

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

1.1. Product Identifier

Product Name SCA-130 INHIBITOR

Internal ID Code HM001243

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

Recommended Use Inhibitor

1.3. Details of the supplier of the safety data sheet

Halliburton Energy Services

Halliburton House, Howemoss Place

Kirkhill Industrial Estate

Dvce

Aberdeen, AB21 0GN United Kingdom

www.halliburton.com

For further information, please contact

E-Mail address: fdunexchem@halliburton.com

1.4. Emergency telephone number

+44 8 08 189 0979 / 1-760-476-3961

Emergency telephone - §	45 - (EC)1272/2008
Europe	112
Croatia	Centar za kontrolu otrovanja (CKO): (+385 1) 23-48-342 (Poison Control Center (PCC) - Institute for Medical Research and Occupational Health)
Cyprus	+210 7793777
Denmark	Poison Control Hotline (DK): +45 82 12 12 12
France	ORFILA (FR): + 01 45 42 59 59
Germany	Poison Center Berlin (DE): +49 030 30686 790
Italy	Poison Center, Milan (IT): +39 02 6610 1029
Netherlands	National Poisons Information Center (NL): +31 30 274 88 88 (NB: this service is only available to health professionals)
Norway	Poisons Information (NO):+ 47 22 591300
Poland	Poison Control and Information Centre, Warsaw (PL): +48 22 619 66 54; +48 22 619 08 97
Romania	+40 21 318 36 06
Spain	Poison Information Service (ES): +34 91 562 04 20
United Kingdom	NHS Direct (UK): +44 0845 46 47

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Acute Toxicity - Dermal	Category 3 - H311
Serious Eye Damage / Eye Irritation	Category 2 - H319
Germ Cell Mutagenicity	Category 2 - H341
Carcinogenicity	Category 2 - H351
Specific Target Organ Toxicity - (Repeated Exposure)	Category 2 - H373
Flammable liquids.	Category 2 - H225

2.2. Label Elements

Hazard Pictograms



Signal Word Danger

Hazard Statements

H225 - Highly flammable liquid and vapor

H311 - Toxic in contact with skin

H319 - Causes serious eye irritation

H341 - Suspected of causing genetic defects

H351 - Suspected of causing cancer

H373 - May cause damage to organs through prolonged or repeated exposure if swallowed

H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary Statements - EU (§28, 1272/2008)

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking

P260 - Do not breathe dust/fume/gas/mist/vapors/spray

P280 - Wear protective gloves/eye protection/face protection

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P308 + P313 - IF exposed or concerned: Get medical advice/attention

Contains

SubstancesCAS NumberAldol107-89-1Crotonaldehyde123-73-9Acetaldehyde75-07-0

2.3. Other Hazards

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

SECTION 3: Composition/information on Ingredients

3.2. Mixtures Mixture

Substances	EINECS	CAS	PERCENT	EU - CLP Substance	REACH No.
		Number	(w/w)	Classification	
Aldol	203-530-2	107-89-1	30 - 60%	Acute Tox. 2 (H310)	No data available
				Eye Irrit. 2A (H319)	
Crotonaldehyde	204-647-1	123-73-9	1 - 5%	Acute Tox. 3 (H301)	No data available
•				Acute Tox. 2 (H310)	
				Acute Tox. 2 (H330)	
				Skin Irrit. 2 (H315)	
				Eve Corr. 1 (H318)	
				Muta. 2 (H341)	
				STOT SE 3 (H335)	
				STOT RE 1 (H372)	
				Aquatic Acute 1 (H400)	
				Flam. Liq. 2 (H225) ´	
Acetaldehyde	200-836-8	75-07-0	1 - 5%	Acute Tox. 4 (H302)	No data available
•				Acute Tox. 4 (H332)	
				Eye Irrit. 2 (H319)	
				Muta. 2 (H341)	
				Carc. 2 (H351)	
				STOT SE 2 (H371)	
1				Flam. Lig. 1 (H224)	

For the full text of the H-phrases mentioned in this Section, see Section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation If inhaled, move victim to fresh air and seek medical attention.

Eyes In case of contact, or suspected contact, immediately flush eyes with plenty of

water for at least 15 minutes and get medical attention immediately after

flushing.

Skin In case of contact, immediately flush skin with plenty of soap and water for at

least 15 minutes. Get medical attention. Remove contaminated clothing and

launder before reuse.

Ingestion Do NOT induce vomiting. Give nothing by mouth. Obtain immediate medical

attention.

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

Causes eye irritation Toxic in contact with skin. May cause heritable genetic damage. Potential carcinogen. Prolonged or repeated exposure may cause damage to organs.

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

Notes to Physician Treat symptomatically

SECTION 5: Firefighting Measures

5.1. Extinguishing media

Suitable Extinguishing Media

Water fog, carbon dioxide, foam, dry chemical.

Extinguishing media which must not be used for safety reasons

None known.

5.2. Special hazards arising from the substance or mixture

Special Exposure Hazards

May be ignited by heat, sparks or flames. Use water spray to cool fire exposed surfaces. Closed containers may explode in fire. Decomposition in fire may produce harmful gases.

5.3. Advice for firefighters

Special Protective Equipment for Fire-Fighters

Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use appropriate protective equipment. Wear self-contained breathing apparatus in enclosed areas. Avoid contact with skin, eyes and clothing. Avoid breathing vapors. Ensure adequate ventilation. Evacuate all persons from the area. See Section 8 for additional information

6.2. Environmental precautions

Prevent from entering sewers, waterways, or low areas. Consult local authorities.

6.3. Methods and material for containment and cleaning up

Isolate spill and stop leak where safe. Remove ignition sources and work with non-sparking tools. Contain spill with sand or other inert materials. Scoop up and remove.

6.4. Reference to other sections

See Section 8 and 13 for additional information.

SECTION 7: Handling and Storage

7.1. Precautions for Safe Handling

Remove sources of ignition. Avoid contact with eyes, skin, or clothing. Avoid breathing vapors. Ensure adequate ventilation. Wash hands after use. Launder contaminated clothing before reuse. Ground and bond containers when transferring from one

container to another. Use appropriate protective equipment.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Store away from oxidizers. Keep from heat, sparks, and open flames. Keep container closed when not in use. Product has a shelf life of 36 months.

7.3. Specific End Use(s)

Exposure Scenario No information available Other Guidelines No information available

SECTION 8: Exposure Controls/Personal Protection

8.1. Control parameters

Exposure Limits

Substances	CAS Number	EU	UK	Netherlands	France
Aldol	107-89-1	Not applicable	Not applicable	Not applicable	Not applicable
Crotonaldehyde	123-73-9	Not applicable	Not applicable	2 ppm	2 ppm
Acetaldehyde	75-07-0	Not applicable	TWA: 20 ppm TWA: 37 mg/m ³ STEL: 50 ppm STEL: 92 mg/m ³	TWA: 37 mg/m ³ STEL: 92 mg/m ³	100 ppm

Substances	CAS Number	Germany	Spain	Portugal	Finland
Aldol	107-89-1	Not applicable	Not applicable	Not applicable	Not applicable
Crotonaldehyde	123-73-9	0,34 ppm	0.3 ppm STEL [VLA-EC]; 0.87 mg/m³ STEL [VLA-EC]	Not applicable	TWA: 0.1 ppm TWA: 0.29 mg/m ³ STEL: 0.3 ppm STEL: 0.87 mg/m ³
Acetaldehyde	75-07-0	TWA: 50 ppm TWA: 91 mg/m ³	25 ppm STEL [VLA-EC]; 46 mg/m³ STEL [VLA-EC]	Not applicable	STEL: 25 ppm STEL: 46 mg/m ³

Substances	CAS Number	Austria	Ireland	Switzerland	Norway
Aldol	107-89-1	Not applicable	Not applicable	Not applicable	Not applicable
Crotonaldehyde	123-73-9	STEL: 1.36 ppm STEL: 4 mg/m ³ TWA: 0.34 ppm TWA: 1 mg/m ³	2 ppm TWA; 6 mg/m³ TWA 18 mg/m³ STEL; 6 ppm STEL	TWA: 0.34 ppm TWA: 1 mg/m³	TWA: 2 ppm TWA: 6 mg/m³ STEL: 4 ppm STEL: 12 mg/m³
Acetaldehyde	75-07-0	TWA: 50 ppm TWA: 90 mg/m ³ STEL" 50 ppm STEL" 90 mg/m ³	25 ppm TWA; 45 mg/m³ TWA 25 ppm STEL; 45 mg/m³ STEL	TWA: 90 mg/m ³ TWA: 50 ppm STEL: 50 ppm STEL: 90 mg/m ³	TWA: 25 ppm TWA: 45 mg/m ³ STEL: 37.5 ppm STEL: 67.5 mg/m ³

Substances	CAS Number	Italy	Poland	Hungary	Czech Republic
Aldol	107-89-1	Not applicable	Not applicable	Not applicable	Not applicable
Crotonaldehyde	123-73-9	Not applicable	6 mg/m ³	Not applicable	TWA: 1 mg/m ³
Acetaldehyde	75-07-0	Not applicable	TWA: 5 mg/m ³	TWA: 25 mg/m ³ STEL: 25 mg/m ³	TWA: 50 mg/m ³

Substances	CAS Number	Denmark	Romania	Croatia	Cyprus
Aldol	107-89-1	Not applicable	Not applicable	Not applicable	Not applicable
Crotonaldehyde	123-73-9	TWA: 2 ppm TWA: 6 mg/m ³	Not applicable	Not applicable	Not applicable
Acetaldehyde	75-07-0	Not applicable	TWA: 50 ppm TWA: 90 mg/m ³ STEL: 100 ppm STEL: 180 mg/m ³	TWA: 20 ppm TWA: 37 mg/m ³ STEL: 50 ppm STEL: 92 mg/m ³	Not applicable

Derived No Effect Level (DNEL) Worker

No information available.

General Population

Predicted No Effect Concentration (PNEC)

No information available.

8.2. Exposure controls

good cross ventilation.

Personal protective equipment

Engineering Controls

If engineering controls and work practices cannot prevent excessive exposures, the selection and proper use of personal protective equipment should be determined by an industrial hygienist or other qualified professional based on the specific application of this product.

Respiratory Protection If engineering controls and work practices cannot keep exposure below occupational

exposure limits or if exposure is unknown, wear a NIOSH certified, European Standard EN 149, AS/NZS 1715:2009, or equivalent respirator when using this product. Selection of and instruction on using all personal protective equipment, including respirators, should be performed by an Industrial Hygienist or other qualified professional.

Use in a well ventilated area. Local exhaust ventilation should be used in areas without

Organic vapor respirator.

Hand Protection Chemical-resistant protective gloves (EN 374) Suitable materials for longer, direct

contact (recommended: protection index 6, corresponding to > 480 minutes permeation

time as per EN 374): Nitrile gloves. (>= 0.4 mm thickness)

This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced. Manufacturer's directions for use should be

observed because of great diversity of types.

Skin Protection Rubber apron.

Eye Protection Chemical goggles; also wear a face shield if splashing hazard exists.

Other Precautions None known.

Environmental Exposure Controls Do not allow material to contaminate ground water system

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical State:LiquidColor:Clear colorless to pale yellowOdor:PungentOdor Threshold:No information available

<u>Property</u> <u>Values</u>

Remarks/ - Method

pH: 5-7 Freezing Point/Range 5-7

Melting Point/RangeNo data availableBoiling Point/Range100 °C / 212 °FFlash Point18 °C / 65 °F PMCCFlammability (solid, gas)No data available

Flammability (solid, gas)

upper flammability limit

lower flammability limit

Evaporation rate

Vapor Pressure

No data available
No data available
No data available
O.1 mmHg

Vapor Density 3.04
Specific Gravity 1.053
Water Solubility Miscik

Water Solubility

Solubility in other solvents

Partition coefficient: n-octanol/water

Autoignition Temperature

Decomposition Temperature

Viscosity

Miscible with water

No data available

Explosive Properties

No information available

Oxidizing Properties

No information available

No information available

9.2. Other information

VOC Content (%) No data available

SECTION 10: Stability and Reactivity

10.1. Reactivity

Not expected to be reactive.

10.2. Chemical Stability

Stable

10.3. Possibility of Hazardous Reactions

Will Not Occur

10.4. Conditions to Avoid

Keep away from heat, sparks and flame.

10.5. Incompatible Materials

Strong oxidizers. Strong alkalis. Strong acids.

10.6. Hazardous Decomposition Products

Oxides of nitrogen. Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

Inhalation May be harmful if inhaled. May cause central nervous system depression including

headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech,

giddiness and unconsciousness.

Eye Contact Causes eye irritation. May cause corneal injury.

Skin ContactToxic in contact with skin. May be absorbed through the skin and contribute to the

symptoms listed under ingestion. May cause skin defatting with prolonged exposure.

May cause skin irritation.

Ingestion May be harmful if swallowed. Irritation of the mouth, throat, and stomach. May cause

abdominal pain, vomiting, nausea, and diarrhea.

Chronic Effects/Carcinogenicity May cause heritable genetic damage. This product contains a potential carcinogen.

Prolonged or repeated exposure may cause liver damage.

Toxicology data for the components

Substances	CAS Number	LD50 Oral	LD50 Dermal	LC50 Inhalation
Aldol	107-89-1	2180 mg/kg (Rat)	140 mg/kg (Rabbit)	No data available
Crotonaldehyde	123-73-9	206 mg/kg (Rat) 300 mg/kg (Rat)	380 mg/kg (Rabbit) 380 µL/kg (Rabbit) 128 mg/kg (Rabbit) 324 mg/kg (Rabbit)	85 ppm (Rat) 4h 0.2 mg/L (Rat) 4h 300 mg/m³ (Rat) 4h 200 mg/m³ (Rat)
Acetaldehyde	75-07-0	1930 mg/kg (Rat) 660 mg/kg (Rat)	No data available	13300 ppm (Rat) 4h

Substances	CAS Number	Skin corrosion/irritation
Aldol	107-89-1	May cause mild skin irritation. (Rabbit)
Crotonaldehyde	123-73-9	Causes moderate skin irritation. (Rabbit)
Acetaldehyde	75-07-0	Non-irritating to the skin (Rabbit)

Substances	CAS Number	Eye damage/irritation	
Aldol	107-89-1	Causes moderate eye irritation. (Rabbit)	
Crotonaldehyde	123-73-9	Causes severe eye irritation which may damage tissue. (Rabbit)	
Acetaldehyde	75-07-0	Causes moderate eye irritation. (Rabbit)	

Substances	CAS Number	Skin Sensitization
Aldol	107-89-1	No information available
Crotonaldehyde	123-73-9	Not regarded as a sensitizer.
Acetaldehyde		Did not cause sensitization on laboratory animals (guinea pig) Patch test on human volunteers did not demonstrate sensitization properties

Substances	CAS	Respiratory Sensitization	
	Number		
Aldol	107-89-1	No information available	
Crotonaldehyde	123-73-9	No information available	
Acetaldehyde	75-07-0	No information available	

	CAS Number	Mutagenic Effects
Aldol	107-89-1	No information available
Crotonaldehyde	123-73-9	Some in vivo tests have shown mutagenic effects.

Acetaldehyde	75-07-0	Some in vitro tests have shown mutagenic effects. Some in vivo tests have shown mutagenic effects.	
Substances	CAS Number	Carcinogenic Effects	
Aldol	107-89-1	No information available.	
Crotonaldehyde	123-73-9	No data of sufficient quality are available.	
Acetaldehyde	75-07-0	This substance is a potential carcinogen.	
Substances	CAS Number	Reproductive toxicity	
Aldol	107-89-1	No information available	
Crotonaldehyde	123-73-9	No data of sufficient quality are available.	
Acetaldehyde	75-07-0	No data of sufficient quality are available.	
Substances	CAS Number	STOT - single exposure	
Aldol	107-89-1	No information available	
Crotonaldehyde	123-73-9	May cause respiratory irritation.	
Acetaldehyde	75-07-0	May cause respiratory irritation.	
Substances	CAS Number	STOT - repeated exposure	
Aldol	107-89-1	No information available	
Crotonaldehyde	123-73-9	Causes damage to organs through prolonged or repeated exposure if swallowed: (Liver)	
Acetaldehyde	75-07-0	No significant toxicity observed in animal studies at concentration requiring classification.	
Substances	CAS Number	Aspiration hazard	
Aldol	107-89-1	No information available	
Crotonaldehyde	123-73-9	No information available	
Acetaldehyde	75-07-0	No information available	

SECTION 12: Ecological Information

12.1. Toxicity Ecotoxicity Effects

Substances	CAS Number	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Toxicity to Invertebrates
Aldol	107-89-1	EC50 (5d) >237 mg/L (Nitzscheria linearis)	No information available	No information available	No information available
Crotonaldehyde	123-73-9	EC50 (96h) 0.881 mg/L	LC50 (96h) 0.71 mg/L (Oncorhynchus mykiss) LOEC 0.22 mg/L (Pimephales promelas)	No information available	EC50 (48h) 2 mg/L (Daphnia magna) NOEC (28d) > 1.5 (Daphnia magna)
Acetaldehyde	75-07-0	No information available	LC50 (95h) 30.8 mg/L (Pimephales promelas)	No information available	EC50 (48h) > 4.7 mg/L (Daphnia magna)

12.2. Persistence and degradability

Substances	CAS Number	Persistence and Degradability
Aldol	107-89-1	No information available
Crotonaldehyde	123-73-9	(55% @ 28d)
Acetaldehyde	75-07-0	Readily biodegradable (80 @ 14d)

12.3. Bioaccumulative potential

Substances	CAS Number	Log Pow
Aldol	107-89-1	-0.72
Crotonaldehyde	123-73-9	0.63
Acetaldehyde	75-07-0	0.63

12.4. Mobility in soil

		la a	
Cubetanese	ICAS Number	IMahility	
Substances	ICAS Number	IMODILITY	

Aldol	107-89-1	No information available
Crotonaldehyde	123-73-9	No information available
Acetaldehyde	75-07-0	No information available

12.5. Results of PBT and vPvB assessment

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

12.6. Other adverse effects

Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Disposal MethodDisposal should be made in accordance with federal, state, and local regulations.

Contaminated Packaging Follow all applicable national or local regulations.

SECTION 14: Transport Information

IMDG/IMO

UN Number: UN1992

UN Proper Shipping Name: Flammable Liquid, Toxic, N.O.S. (Contains Acetaldehyde, Aldol)

Transport Hazard Class(es): 3 (6.1)

Packing Group:

Environmental Hazards: Not applicable

RID

UN Number: UN1992

UN Proper Shipping Name: Flammable Liquid, Toxic, N.O.S. (Contains Acetaldehyde, Aldol)

Transport Hazard Class(es): 3 (6.1)
Packing Group: II

Environmental Hazards: Not applicable

<u>ADR</u>

UN Number: UN1992

UN Proper Shipping Name: Flammable Liquid, Toxic, N.O.S. (Contains Acetaldehyde, Aldol)

Transport Hazard Class(es): 3 (6.1)
Packing Group: II

Environmental Hazards: Not applicable

IATA/ICAO

UN Number: UN1992

UN Proper Shipping Name: Flammable Liquid, Toxic, N.O.S. (Contains Acetaldehyde, Aldol)

Transport Hazard Class(es): 3 (6.1)
Packing Group: II

Environmental Hazards: Not applicable

14.1. UN Number: UN1992

14.2. UN Proper Shipping Name: Flammable Liquid, Toxic, N.O.S. (Contains Acetaldehyde, Aldol)

14.3. Transport Hazard Class(es): 3 (6.1)

14.4. Packing Group:

14.5. Environmental Hazards: Not applicable

14.6. Special Precautions for User: None

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

SECTION 15: Regulatory Information

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

International Inventories

EINECS Inventory This product, and all its components, complies with EINECS

US TSCA Inventory
All components listed on inventory or are exempt.
All components listed on inventory or are exempt.
All components listed on inventory or are exempt.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

Germany, Water Endangering

Classes (WGK)

WGK 3: Severe hazard to waters.

15.2. Chemical Safety Assessment

No information available

SECTION 16: Other Information

Full text of H-Statements referred to under sections 2 and 3

H224 - Extremely flammable liquid and vapor

H225 - Highly flammable liquid and vapor

H301 - Toxic if swallowed

H311 - Toxic in contact with skin

H315 - Causes skin irritation

H318 - Causes serious eye damage

H319 - Causes serious eye irritation

H330 - Fatal if inhaled

H335 - May cause respiratory irritation

H341 - Suspected of causing genetic defects

H351 - Suspected of causing cancer

H373 - May cause damage to organs through prolonged or repeated exposure if swallowed

H400 - Very toxic to aquatic life

Key or legend to abbreviations and acronyms

bw – body weight

CAS - Chemical Abstracts Service

CLP - REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on Classification,

Labelling and Packaging of substances and mixtures

EC - European Commission

EC10 - Effective Concentration 10%

EC50 - Effective Concentration 50%

EEC - European Economic Community

ErC50 - Effective Concentration growth rate 50%

IBC Code - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

LC50 - Lethal Concentration 50%

LD50 - Lethal Dose 50%

LL0 – Lethal Loading 0%

LL50 - Lethal Loading 50%

MARPOL - International Convention for the Prevention of Pollution from Ships

mg/kg - milligram/kilogram

mg/L - milligram/liter

NIOSH - National Institute for Occupational Safety and Health

NOEC – No Observed Effect Concentration

NTP - National Toxicology Program

OEL - Occupational Exposure Limit

PBT - Persistent Bioaccumulative and Toxic

PC - Chemical Product category

PEL - Permissible Exposure Limit

ppm – parts per million

PROC - Process category

REACH - REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL concerning the

Registration, Evaluation, Authorisation and Restriction of Chemicals

STEL - Short Term Exposure Limit

SU - Sector of Use category

Key literature references and sources for data

www.ChemADVISOR.com/

Revision Date: 07-Sep-2015

Revision Note

SDS sections updated: 1

This safety data sheet complies with the requirements of Regulation (EC) No. 453/2010

Disclaimer Statement

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End of Safety Data Sheet