

SAFETY DATA SHEET

This SDS conforms to REACH SDS CLP regulation 2015/830.

Issuing Date No data available Revision Date 25-Oct-2018 Revision Number 1



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

1.1. Product identifier

(M)SDS Number 1396414

Product Name DEACON 8875

Chemical name

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

Recommended Use No information available.

Uses advised against No information available.

1.3. Details of the supplier of the safety data sheet

Importer Manufacturer

Jet-Lube (UK) Ltd DEACON / JET-LUBE LLC City Park, Watchmead Washington, Pennsylvania

Welwyn Garden City, Hertfordshire USA 15031

AL7 1LT +1-800-552-2896/+1-724-228-6353

United Kingdom

For further information, please contact.

Responsible Persons Regulatory & Laboratory Team Member(s)

E-mail Address regulatory@jetlube.com

Non-Emergency Telephone +44-1628-631913 (JL UK Office) **Number** +1 (724) 225-8008 Deacon USA

1.4. Emergency telephone number

Emergency Telephone Number 44 1628-631913

Emergency telephone §45 - (EC)1272/2008			
Europe	112		
Austria	Poison Information Center (AT): +43-(0)1-406 43 43		
Belgium	Poison Center (BE): +32 70 245 245		
Denmark	Poison Control Hotline (DK): +45 82 12 12 12		



Finland	Poison Information Centre (FI): +358 9 471 977		
France	ORFILA (FR): + 01 45 42 59 59		
Germany	Poison Center Berlin (DE): +49 030 30686 790 (24 h service, Advice in German and English)		
Ireland	National Poisons Information Centre (IE): +353 1 8379964		
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		
Portugal	Poison Information Center (PT): +351 21 330 3284		
Spain	Poison Information Service (ES): +34 91 562 04 20		
Sweden	Poisons Information Center (SV): +46 8 33 12 31		
Switzerland	Poison Center (CH): Tel 145: +41 44 251 51 51		
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

110galation (20) 110 1212/2000	
Skin corrosion/irritation	Category 1 Sub-category C -
	(H314)
Serious eye damage/eye irritation	Category 1 - (H318)
Carcinogenicity	Category 1B - (H350i)
Specific target organ toxicity (single exposure)	Category 3 - (H335,H336)

2.2. Label elements



Signal word

Danger

Hazard Statements

- H314 Causes severe skin burns and eye damage
- H335 May cause respiratory irritation
- H336 May cause drowsiness or dizziness
- H350i May cause cancer by inhalation
- H318 Causes serious eye damage

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

- P260 Do not breathe dust/fume/gas/mist/vapors/spray
- P321 Specific treatment (see supplemental first aid instructions on this label)
- P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower



P280 - Wear eye protection/ face protection

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

P310 - Immediately call a POISON CENTER or doctor

P201 - Obtain special instructions before use

P280 - Wear protective gloves/protective clothing/eye protection/face protection

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

Additional information

This product requires tactile warnings if supplied to the general public

This product requires child resistant fastenings if supplied to the general public

2.3. Other hazards

No information available

Section 3: Composition/Information

3.1 Substances

Not applicable.

3.2 Mixtures

Chemical Name	EC No	CAS-No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Reg. No.
Sodium silicate	-	1344-09-8	30-35	Met. Corr. 1 (H290) Skin Corr. 1B (H314) Eye Dam 1 (H318) STOT SE 3 (H335)	No data available
Cashew, nutshell liquid, polymer with sulfuric acid	-	69012-00-6	15-20	No data available	No data available
Kaolin	310-194-1	1332-58-7	5-10	No data available	No data available
Refractory ceramic fibers	-	142844-00-6	1-5	Carc. 1B (H350i)	No data available
Borates, tetra, sodium salts, pentahydrate	-	12179-04-3	1-5	Repr. 1B (H360FD)	No data available

Full text of H- and EUH-phrases: see section 16

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Chemical name	CAS-No	SVHC candidates
Refractory ceramic fibers	142844-00-6	X
Borates, tetra, sodium salts, pentahydrate	12179-04-3	X

Section 4: First aid measures

4.1. Description of first aid measures

General advice Immediate medical attention is required. Show this safety data sheet to the doctor

in attendance. IF exposed or concerned: Get medical advice/attention.



Inhalation Remove to fresh air. If breathing has stopped, give artificial respiration. Get

medical attention immediately. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary

edema may occur. Get immediate medical advice/attention.

Skin contact Wash off immediately with soap and plenty of water while removing all

contaminated clothes and shoes. Get immediate medical advice/attention.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15

minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical

advice/attention.

Ingestion Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of

water. Never give anything by mouth to an unconscious person. Get immediate

medical advice/attention.

Self-protection of the first aider Ensure that medical personnel are aware of the material(s) involved, take

precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Wear personal protective clothing (see section

8).

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

Symptoms Burning sensation.

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

Note to physicians Product is a corrosive material. Use of gastric lavage or emesis is

contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy

sputum, and high pulse pressure.

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

surrounding environment.

Unsuitable extinguishing media No information available.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical

The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors.

Hazardous Combustion Products

Carbon oxides.



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5.3. Advice for firefighters

Special protective equipment for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Attention! Corrosive material. Avoid contact with skin, eyes or clothing. Ensure

adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Other Information Refer to protective measures listed in Sections 7 and 8.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Should not be released into the

environment. Do not allow to enter into soil/subsoil. Prevent product from entering

drains.

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning upTake up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid

contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this

product. Take off contaminated clothing and wash before reuse.

General Hygiene Considerations Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face

protection. Do not eat, drink or smoke when using this product. Remove and wash

contaminated clothing and gloves, including the inside, before re-use.

Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands

before breaks and immediately after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from

moisture. Store locked up. Keep out of the reach of children. Store away from

other materials.



7.3. Specific end use(s)

Risk Management Methods (RMM)

The information required is contained in this Material Safety Data Sheet.

Section 8: Exposure control/personal protection equipment

8.1. Control parameters

Exposure Limits

Chemical Name	EU	United Kingdom	France	Spain	Germany
Kaolin	-	TWA: 2 mg/m ³	TWA: 10 mg/m ³	TWA: 2 mg/m ³	-
1332-58-7		STEL: 6 mg/m ³			
Refractory ceramic	-	STEL: 3 fibre/mL	-	TWA: 0.5	-
fibers		STEL: 15 mg/m ³		fiber/cm3	
142844-00-6		TWA: 1 fibre/cm3			
		TWA: 5 mg/m ³			
Borates, tetra, sodium	-	STEL: 3 mg/m ³	TWA: 1 mg/m ³	STEL: 6 mg/m ³	-
salts, pentahydrate		TWA: 1 mg/m ³		TWA: 2 mg/m ³	
12179-04-3					
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
Kaolin	TWA: 2 mg/m ³	TWA: 2 mg/m ³	-	TWA: 2 mg/m ³	TWA: 2 mg/m ³
1332-58-7	Carc*	Carc*			
Refractory ceramic	-	TWA: 0.2	-	-	TWA: 1 fiber/cm3
fibers		fiber/cm3			
142844-00-6					
Borates, tetra, sodium	-	STEL: 6 mg/m ³	-	-	TWA: 1 mg/m ³
salts, pentahydrate		TWA: 2 mg/m ³			
12179-04-3					
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Kaolin	-	TWA: 3 mg/m ³	TWA: 10.0 mg/m ³	-	TWA: 2 mg/m ³
1332-58-7					
Refractory ceramic	-	-	TWA: 1.0 mg/m ³	-	TWA: 5 mg/m ³
fibers			TWA: 0.5		STEL: 15 mg/m ³
142844-00-6			fiber/cm3		
Borates, tetra, sodium	-	-	-	-	TWA: 1 mg/m ³
salts, pentahydrate					STEL: 3 mg/m ³
12179-04-3			_		
Chemical name	Romania	Ukraine TLVs	Sweden TLVs	Hungary	Turkey TLVs
Refractory ceramic			LLV: 0.2		
fibers 142844-00-6			fiber/cm3		

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

8.2. Exposure controls

Personal protective equipment

Eye/face protection Face protection shield.



Hand Protection Wear suitable gloves. Impervious gloves. Rubber gloves. Viton™. Nitrile rubber.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing. Chemical resistant

apron.

Environmental exposure

controls

No information available.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state No information available

AppearanceBrownOdorPungent

Color No information available
Odor Threshold No information available

PropertyValuesRemarks MethodpH11.5None known

Melting / freezing point No data available None known Boiling point / boiling range No data available None known **Flash Point** No data available None known **Evaporation Rate** No data available None known Flammability (solid, gas) No data available None known Flammability Limit in Air None known

Upper flammability limit No data available

Lower flammability limit

No data available

Vapor pressureNo data availableNone knownVapor densityNo data availableNone knownRelative densityNo data availableNone known

Water Solubility
Solubility(ies)
No data available
No data available
Partition coefficient: n-octanol/water
No data available

Autoignition temperatureNo data availableNone knownDecomposition temperatureNo data availableNone knownKinematic viscosityNo data availableNone knownViscosityNo data availableNone known

9.2. Other information

Softening Point
Molecular Weight
VOC Content (%)
Liquid Density
Bulk Density
Particle Size
Particle Size
No information available

Section 10: Stability and reactivity

None known

10.1. Reactivity

No data available.

10.2. Chemical stability



Stable under normal conditions.

Explosion Data

Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

10.3. Possibility of hazardous reactions

Possibility of Hazardous

None under normal processing.

Reactions

Hazardous Polymerization Hazardous polymerization does not occur.

10.4. Conditions to avoid

Exposure to air or moisture over prolonged periods.

10.5. Incompatible materials

Acids, Bases, Oxidizing agent.

10.6. Hazardous decomposition products

Carbon oxides.

Section 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available. Corrosive by

inhalation. (based on components). Inhalation of corrosive fumes/gases may cause coughing, choking, headache, dizziness, and weakness for several hours. Pulmonary edema may occur with tightness in the chest, shortness of breath, bluish skin, decreased blood pressure, and increased heart rate. Inhaled corrosive substances can lead to a toxic edema of the lungs. Pulmonary edema can be

fatal. May cause irritation of respiratory tract.

Eye contact Specific test data for the substance or mixture is not available. Causes burns.

(based on components). Corrosive to the eyes and may cause severe damage including blindness. Causes serious eye damage. May cause irreversible damage

to eyes.

Skin contact Specific test data for the substance or mixture is not available. Corrosive. (based

on components). Prolonged skin contact causes burns. Symptoms may be

delayed.

Ingestion Specific test data for the substance or mixture is not available. Causes burns.

(based on components). Ingestion causes burns of the upper digestive and respiratory tracts. May cause severe burning pain in the mouth and stomach with vomiting and diarrhea of dark blood. Blood pressure may decrease. Brownish or yellowish stains may be seen around the mouth. Swelling of the throat may cause



shortness of breath and choking. May cause lung damage if swallowed. May be fatal if swallowed and enters airways.

Information on toxicological effects

Symptoms Redness. Burning. May cause blindness. Coughing and/ or wheezing.

Numerical measures of toxicity

Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 4,086.00 mg/kg

Unknown acute toxicity

65.4 % of the mixture consists of ingredient(s) of unknown toxicity

32.8 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

65.4 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

65.4 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

65.4 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

65.4 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	Inhalation LC50
Sodium silicate	= 1960 mg/kg (Rat)	> 4640 mg/kg (Rabbit)	
Kaolin	> 5 g/kg (Rat)	> 5000 mg/kg (Rat)	
Borates, tetra, sodium salts, pentahydrate	= 2403 mg/kg (Rat)	, , ,	

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Classification based on data available for ingredients. Prolonged skin contact

causes burns.

Serious eye damage/eye

irritation

Classification based on data available for ingredients. Causes burns. Risk of

serious damage to eyes.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity Classification based on data available for ingredients. Contains a known or

suspected carcinogen.

The table below indicates whether each agency has listed any ingredient as a carcinogen

Chemical Name	EU - Annex VI Carcinogens	
Refractory ceramic fibers	Carc. 1B	

Reproductive Toxicity No information available.

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as reproductive toxins.

Chemical Name	EU - Annex VI Reproductive
Borates, tetra, sodium salts, pentahydrate	Repr. 1B



STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity .

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to	Daphnia Magna
			Microorganisms	(Water Flea)
Sodium silicate		96h LC50: = 3185	=	96h EC50: = 216 mg/L
		mg/L (Brachydanio		
		rerio) 96h LC50: 301 -		
		478 mg/L (Lepomis		
		macrochirus)		

12.2. Persistence and degradability

Persistence and Degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation No information available.

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment No information available.

Chemical Name	PBT and vPvB assessment	
Sodium silicate	The substance is not PBT / vPvB PBT assessment does	
	not apply	
Refractory ceramic fibers	The substance is not PBT / vPvB	

12.6. Other adverse effects

Other adverse effects No information available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused Dispose of in accordance with local regulations. Dispose of waste in accordance



products with environmental legislation.

Contaminated packaging No information available.

Section 14: Transport information

IMDGNot regulated14.1 UN NumberNot regulated14.2 Proper Shipping NameNOT REGULATED14.3 Hazard Class (select)Not regulated14.4 Packing Group (select)Not regulated14.5 Marine PollutantNot applicable

14.6 Special Provisions None

14.7 Transport in bulkNo information available

according to Annex II of MARPOL and the IBC Code

RID
14.1 UN-No.
14.2 Proper Shipping Name
14.3 Hazard Class
14.4 Packing Group
14.5 Environmental hazard
14.6 Special Provisions

NOT REGULATED

ADR
14.1 UN-No.
14.2 Proper Shipping Name
14.3 Hazard Class
14.4 Packing Group
14.5 Environmental hazard
NOT REGULATED

14.6 Special Provisions None

IATANot regulated14.1 UN NumberNot regulated14.2 Proper Shipping NameNON REGULATED14.3 Hazard Class (select)Not regulated14.4 Packing Group (select)Not regulated14.5 Environmental hazardNot applicable

14.6 Special Provisions None

Section 15: Regulatory information

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

National regulations

France

Occupational Illnesses (R-463-3, France)

European Union



Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work .

Authorizations and/or restrictions on use:

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Chemical Name	Restricted substance per REACH Annex XVII	Substance subject to authorization per REACH Annex XIV
Refractory ceramic fibers - 142844-00-6	28.	
Borates, tetra, sodium salts, pentahydrate - 12179-04-3	Use restricted. See item 30.	

Persistent Organic Pollutants

Not applicable.

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable.

International Inventories

Contact supplier for inventory compliance status. **TSCA** Contact supplier for inventory compliance status. **DSL/NDSL EINECS/ELINCS** Contact supplier for inventory compliance status. Contact supplier for inventory compliance status. **ENCS** Contact supplier for inventory compliance status. **IECSC** Contact supplier for inventory compliance status. **KECL** Contact supplier for inventory compliance status. **PICCS** Contact supplier for inventory compliance status. **AICS**

Legend

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

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

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

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

No information available.

Section 16: Other Information

Key or legend to abbreviations and acronyms used in the safety data sheet

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

H360FD - May damage fertility. May damage the unborn child

H290 - May be corrosive to metals

H314 - Causes severe skin burns and eye damage



H318 - Causes serious eye damage

H335 - May cause respiratory irritation

H350i - May cause cancer by inhalation

Legend

SVHC: Substances of Very High Concern for Authorization:

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value - Skin designation

Key literature references and sources for data

www.ChemADVISOR.com/

Revision Date 25-Oct-2018

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

