

Issue date 19-Mar-2015

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Version 4

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product name ThreeBond 1855

Recommended use of the chemical and restrictions on use

Recommended use Antirust, lubricant

Details of the supplier of the safety data sheet

Manufacturer

ThreeBond Fine Chemical Co., Ltd.

Department in charge & Address

Production Engineering Division
1-1 Oyama-cho, Midori-ku
Sagamihara-shi, Kanagawa, Japan

Emergency telephone number

+81-42-774-1333

Section 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Label elements

Signal word None

Hazard statements

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Single substance or mixture

Mixture

Effective June 1, 2016, regarding Japan's Industrial Safety and Health Law's "Notifiable Dangerous and Harmful", target substances will be subjected to risk assessment in accordance with Japan's Industrial Safety and Health Law's "Harmful Substances Whose Names Are to be Indicated on the Label."

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Chemical name	Weight-%	ENCS	ISHL No.	CAS No.
Silicone oil, thickener	90<	-	-	-

Section 4: FIRST AID MEASURES

INHALATION

Remove to fresh air. Seek immediate medical attention/advice.

Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In the case of skin irritation or allergic reactions see a physician.

Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Seek immediate medical attention/advice.
INGESTION	Rinse mouth. Get medical attention.

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media	Water spray (fog) Carbon dioxide (CO2) Extinguishing powder Alcohol resistant foam Sand
Specific hazards arising from the chemical	May generate irritate, harmful gas.
Special extinguishing media	Wear protection gear and extinguish from windward.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear appropriate protection gear (Refer to Section 8) and avoid eye and skin contact.
Environmental precautions	Keep out of waterways. Avoid release to the environment.
Methods for containment	In case of small spill, absorb the spill in dry sand, soil or cloth and keep in closed container. In case of large spill, surround the spill by bank to prevent from leakage, and collect the spill after it is moved to safety place.
Prevention of secondary hazards	Keep ignition source away from spill.

Section 7: HANDLING AND STORAGE

Handling	
Precautions for safe handling	
Advice on safe handling	Take equipment measures listed in Section 8. Wear protection gear.
Local and general ventilation	Take equipment measures listed in Section 8. Wear protection gear.
Storage	
Storage conditions	Close lid. Avoid direct sun light and ignition source. Keep appropriate temperature.
Material of vessels and packaging	Keep this product in original container. Do not put it back in the container.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure guidelines	
Engineering controls	Install local ventilation or seal source of substances. Install safety shower, hand wash, and eye wash station. Clearly indicate the location.
Personal protective equipment	
○ Respiratory protection	In case of inadequate ventilation wear respiratory protection
○ Hand protection	Wear appropriate protection glove (Made from non-permeable material such as polyethylene, rubber)
○ Eye/face protection	Wear safety glasses with side shields (or goggles)
○ Skin and body protection	Wear protection apron, protection boots. Wear long sleeve cloth.
Other information	Wash hands thoroughly after handling. When using do not eat, drink or smoke.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Grease
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Odor	Slight odor
Color	beige

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH	No data available	
Melting point/freezing point	No data available	
Boiling point / boiling range	No data available	
Flash point	100 °C or above	
Evaporation rate	No data available	
Flammability (solid, gas)		
Flammability limit in air		
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Specific gravity	0.97	
Water solubility	Slightly soluble	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
Dynamic viscosity	No data available	

Section 10: STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Possibility of hazardous reactions	No hazardous reaction could occur under normal condition.
Conditions to avoid	No information available
Incompatible materials	No information available.
Hazardous decomposition products	May generate harmful gas by incineration

Section 11: TOXICOLOGICAL INFORMATION

Acute toxicity

Inhalation LC50	No data available as this product.
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Numerical measures of toxicity - Component Information

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

Skin corrosion/irritation	No data available as this product.
Serious eye damage/eye irritation	No data available as this product.
Sensitization	No data available as this product.
Germ cell mutagenicity	No data available as this product.
Carcinogenicity	No data available as this product.
Reproductive toxicity	No data available as this product.
STOT - single exposure	No data available as this product.
STOT - repeated exposure	No data available as this product.
Aspiration hazard	No data available as this product.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	
Acute aquatic hazard	No data available as this product.
Chronic aquatic hazard	No data available as this product.
Persistence and degradability	No data available as this product.
Bioaccumulation	No data available as this product.
Mobility in soil	No data available as this product.
Endocrine disruptor information	No data available as this product.

Section 13: DISPOSAL CONSIDERATIONS

Waste from residues / unused products	Dispose of in accordance with national, state and local regulations. Consult industrial waste management companies for waste. Do not release this product to natural environment nor reclaim.
Contaminated packaging	Dispose containers as same as residual of this product.

Section 14: TRANSPORT INFORMATION

<u>IMDG</u>	Not regulated
<u>ICAO/IATA (air)</u>	Not regulated
<u>ADR</u>	Not regulated
<u>Japanese regulations</u>	
Marine Transportation Safety Act	Not applicable
Civil Aeronautics Act	Not applicable

Section 15: REGULATORY INFORMATION

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<u>Fire protection law criteria</u>	Designated Combustible Substances - Combustible solids
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Section 16: OTHER INFORMATION

Issue date	19-Mar-2015
Other information	Please contact to local sales offices for further information.

Disclaimer

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