

EVO-STIK FAST ACT SILICONE REMOVER
 Supersedes Date: 04-May-2018

Revision Date 04-May-2018
 Revision Number 1

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Product Name EVO-STIK FAST ACT SILICONE REMOVER
Pure substance/mixture Mixture

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

Recommended use Cleaning agent.
Uses advised against None known

1.3. Details of the supplier of the safety data sheet

Company Name

Bostik Industries Limited
 Newtown, Swords
 Co. Dublin Ireland
 Tel: +353 (1) 8624900
 Fax: +353 (1) 8402186

E-mail address SDS.box-EU@bostik.com

1.4. Emergency telephone number

United Kingdom	+44 (1785) 272650
Ireland	+353 (1) 8624900 (Monday- Friday 9am-5pm)

Section 2: HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Corrosion/Irritation	Category 1 Sub-category C - (H314)
Serious eye damage/eye irritation	Category 1 - (H318)
Chronic aquatic toxicity	Category 4 - (H413)
Flammable liquids	Category 3 - (H226)

2.2. Label Elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives



Signal Word
 DANGER

Hazard statements

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H413 - May cause long lasting harmful effects to aquatic life
H314 - Causes severe skin burns and eye damage
H226 - Flammable liquid and vapour

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

P101 - If medical advice is needed, have product container or label at hand
P102 - Keep out of reach of children
P260 - Do not breathe vapour
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]
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
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

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

General Hazards

In use may form flammable/explosive vapour-air mixture.

PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Mixture

3.2 Mixtures

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	REACH Registration Number
Alkanes, C9-12-iso-	292-459-0	90622-57-4	80 - 100	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Aquatic Chronic 4 (H413) (EUH066)		No data available
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives	287-494-3	85536-14-7	5 - <10	Skin Corr. 1C (H314) Acute Tox. 4 (H302) Eye Dam. 1(H318) Aquatic Chronic 3 (H412)		01-2119490234-40-XXXX
Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, chlorides	263-081-3	61789-72-8	0.1 - <1	Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Acute Tox. 4 (H302) Aquatic Acute 1 (H400)		No data available

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

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

General Advice	If medical advice is needed, have product container or label at hand.
Inhalation	Remove to fresh air.
Skin Contact	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a doctor immediately.
Ingestion	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
Self-Protection of the First Aider	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

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

Symptoms None known.

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

Note to doctors Treat symptomatically.

Section 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media

Move containers from fire area if you can do it without risk. Use CO₂, dry chemical, or foam.

Unsuitable Extinguishing Media

Use water spray or fog; do not use straight streams

5.2. Special hazards arising from the substance or mixture

Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

5.3. Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions

Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas.

Water spray may reduce vapour; but may not prevent ignition in closed spaces.

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For emergency responders

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2. Environmental precautions

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

6.3. Methods and material for containment and cleaning up

Methods for Containment

Dyke far ahead of spill; use dry sand to contain the flow of material. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

Methods for cleaning up

Use clean non-sparking tools to collect absorbed material.

6.4. Reference to other sections

Reference to other sections

See Section 12: ECOLOGICAL INFORMATION
Section 7: HANDLING AND STORAGE
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Take precautionary measures against static charges. Use explosion-proof electrical/ ventilating/ lighting/ equipment.

General Hygiene Considerations

Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work area and clothing is recommended.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep only in the original container/package in a cool well-ventilated place.

7.3. Specific end use(s)

Other Information

Recommendation(s). Observe technical data sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Controls

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection

Tight sealing safety goggles. Face protection shield.

Hand Protection

Wear protective gloves. The breakthrough time of the gloves depends on the material and the thickness as well as the temperature.

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Skin and Body Protection	Antistatic footwear. Wear fire/flamm resistant/retardant clothing. Suitable protective clothing.
Respiratory Protection	In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. In case of inadequate ventilation wear respiratory protection.
Recommended filter type:	Organic gases and vapours filter conforming to EN 14387.

Environmental Exposure Controls Do not allow into any sewer, on the ground or into any body of water.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State	Liquid	
Appearance	Liquid	
Colour	No information available	
Odour	Characteristic	
Odour Threshold	No information available	
Property	Values	Remarks • Method
pH	No information available	
Melting point / freezing point	No information available	
Boiling point / boiling range	184 °C / 363.2 °F	
Flash Point	>= 24 °C / 75.2 °F	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	Not applicable for liquids
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit	No information available	
Vapour Pressure	No information available	
Vapour Density	No information available	
Relative Density	No information available	
Water Solubility	Insoluble in water	
Solubility in Other Solvents	No information available	
Partition Coefficient	No information available	
Autoignition Temperature	No information available	
Decomposition Temperature	No information available	
Explosive Properties	No information available	
Explosive Limits	No information available	
Upper	No information available	
Lower	No information available	
Oxidising Properties	No information available	
Kinematic Viscosity	> 21 mm ² /s	@ 40°C
Dynamic Viscosity	No information available	

9.2. Other information

Softening Point	No information available
Molecular Weight	No information available
Solvent content (%)	No information available
Solid content (%)	No information available
Density	0.79 g/cm ³
Bulk Density	No data available
VOC content (%)	

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Stable under recommended storage conditions.

10.2. Chemical stability

Stable under normal conditions.

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Explosion Data

Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge May be ignited by friction, heat, sparks or flames.

10.3. Possibility of hazardous reactions

Possibility of Hazardous Reactions

None under normal processing.

10.4. Conditions to avoid

Keep away from heat, sparks and flames.

10.5. Incompatible materials

Strong acids and bases.

10.6. Hazardous decomposition products

None under normal use conditions.

Section 11: TOXICOLOGY INFORMATION

11.1. Information on toxicological effects

Information on likely routes of exposure

Product Information

No information or data specific to the product on this toxicological (health) effect is available.

Inhalation	Causes burns.
Eye contact	Corrosive to the eyes and may cause severe damage including blindness.
Skin Contact	The product causes burns of eyes, skin and mucous membranes.
Ingestion	Causes burns.
Sensitisation	No data available.

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

Skin Corrosion/Irritation	Not applicable.
Serious eye damage/eye irritation	Not applicable.
Sensitisation	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Carcinogenicity	Not applicable.
Reproductive Toxicity	No information available.
STOT - Single Exposure	No information available.
STOT - Repeated Exposure	No information available.
Aspiration hazard	No information available.

Numerical measures of toxicity

Acute Toxicity

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

ATEmix (oral) 5,871.00 mg/kg
ATEmix (dermal) 3,591.00 mg/kg

Component Information

Toxicity Data Data obtained on the component(s) include

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Alkanes, C9-12-iso-90622-57-4	> 10 g/kg (Rat)	> 3200 mg/kg (Rabbit)	> 12200 mg/m ³ (Rat) 4 h
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives 85536-14-7	= 1219 mg/kg (Rat)	LD50 >2000 mg/Kg (Rat)	-

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity May cause long lasting harmful effects to aquatic life

Component Information

Data obtained on the component(s) include

Chemical Name	Algae/aquatic plants	Fish	Crustacea	M-Factor
Alkanes, C9-12-iso-90622-57-4	-	LC50 96 h = 2600 mg/L (Pimephales promelas)	LC50 96 h > 1000 mg/L (Chaetogammarus marinus)	
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives 85536-14-7	EC50 72 h = 36 mg/L (Desmodesmus subspicatus)	LC50 96 h = 5.6 mg/L (Cyprinus carpio flow-through)	EC50 48 h = 5.2 mg/L (Daphnia magna)	

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

Partition coefficient No information available

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

No information available

Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors.

Section 13: DISPOSAL CONSIDERATIONS

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13.1. Waste treatment methods

Waste from Residues/Unused Products	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Improper disposal or reuse of this container may be dangerous and illegal.
European Waste Catalogue	08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances
Other Information	Waste codes should be assigned by the user based on the application for which the product was used.

Section 14: TRANSPORT INFORMATION

ADR

14.1 UN/ID no	UN1993
14.2 Proper Shipping Name	Flammable liquid, n.o.s. (Alkanes, C9-12-iso-)
14.3 Transport hazard class(es)	3
Labels	3
14.4 Packing Group	III
Description	UN1993, Flammable liquid, n.o.s. (Alkanes, C9-12-iso-), 3, III, (D/E)
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	274, 601
Classification Code	F1
Tunnel restriction code	(D/E)
Limited Quantity (LQ)	5 L
ADR Hazard Id (Kemmler Number)	30

IMDG

14.1 UN Number	UN1993
14.2 Proper Shipping Name	Flammable liquid, n.o.s. (Alkanes, C9-12-iso-)
14.3 Transport hazard class(es)	3
14.4 Packing Group	III
Description	UN1993, Flammable liquid, n.o.s. (Alkanes, C9-12-iso-), 3, III, (24°C c.c.)
14.5 Marine Pollutant	Np
14.6 Special Provisions	223, 274, 955
Limited Quantity (LQ)	5 L
EmS-No	F-E, S-E
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

RID

14.1 UN Number	UN1993
14.2 Proper Shipping Name	Flammable liquid, n.o.s. (Alkanes, C9-12-iso-)
14.3 Transport hazard class(es)	3
Labels	3
14.4 Packing Group	III
Description	UN1993, Flammable liquid, n.o.s. (Alkanes, C9-12-iso-), 3, III
14.5 Environmental Hazard	Not applicable
Classification Code	F1
14.6 Special Provisions	274, 601
Limited Quantity (LQ)	5 L

ICAO (air)

14.1 UN/ID no	UN1993
14.2 Proper Shipping Name	Flammable liquid, n.o.s. (Alkanes, C9-12-iso-)
14.3 Hazard Class	3
14.4 Packing Group	III
Description	UN1993, Flammable liquid, n.o.s. (Alkanes, C9-12-iso-), 3, III
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	A3

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IATA

14.1 UN/ID no	UN1993
14.2 Proper Shipping Name	Flammable liquid, n.o.s. (Alkanes, C9-12-iso-)
14.3 Transport hazard class(es)	3
14.4 Packing Group	III
Description	UN1993, Flammable liquid, n.o.s. (Alkanes, C9-12-iso-), 3, III
14.5 Environmental Hazard	Not applicable
14.6 Special Provisions	A3
Limited Quantity (LQ)	10 L
ERG Code	3L

Section 15: REGULATORY INFORMATION

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

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

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

EU-REACH (1907/2006) - Annex XIV - List of substances subject to Authorization

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

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

Not applicable

Persistent Organic Pollutants

Not applicable

15.2. Chemical safety assessment

None

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 section 3

H315 - Causes skin irritation

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H318 - Causes serious eye damage
H302 - Harmful if swallowed
H400 - Very toxic to aquatic life
H314 - Causes severe skin burns and eye damage
H412 - Harmful to aquatic life with long lasting effects
H226 - Flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H413 - May cause long lasting harmful effects to aquatic life
EUH066 - Repeated exposure may cause skin dryness or cracking

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend Section 8: Exposure controls and personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

PBT Persistent, Bioaccumulative, and Toxic (PBT) Chemicals

STOT (RE): Specific target organ toxicity - Repeated exposure

STOT (SE): Specific target organ toxicity - Single exposure

EWC: European Waste Catalogue

Key literature references and sources for data

Classification and labeling data calculated from data received from raw material suppliers

Prepared By Product Safety & Regulatory Affairs

Revision Date 04-May-2018

Indication of changes

Revision Note Not applicable.

Training Advice Provide adequate information, instruction, and training for operator

Further information No information available

This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006

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