Safety Data Sheet

AlbaChem® ALBA Spot Remover

SECTION 1. IDENTIFICATION

Product Identifier:	4416,4432,1401,14405,1455
Other Means of Identification:	ALBA Spot Remover
Recommended Use of the Chemical:	Use to remove oil & grease stains from textiles **Latest Revision**: October 9, 2025
Manufactured by:	Albatross USA, Inc. 36-41 36th Street Long Island City, New York 11106, USA 5447 San Fernando Road West Los Angeles, California 90039, USA 818-543-5850
Information Phone Number	718-392-6272
Emergency Telephone Number:	For chemical emergencies call Chemtrec at: 1-800-424-9300 or 703-527-3887 (USA & Canada) 01-800-681-9531 (Mexico)

Restrictions on Use:

None known.

SECTION 2. HAZARD IDENTIFICATION

2.1 Classification of substance according to the legislation in force:

Hazard Classification:

Physicial hazards:

Flammable Liquid	Category 4	H227 Combustible liquid.

2.2 Label Elements:

Hazard pictograms:	No Symbol
Signal Word:	Warning
Hazard statements:	H227 : Combustible liquid

Precautionary Statements):

Prevention:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Response:

P374 Fight fire with normal precaution from a reasonable distance.

Disposal:

P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

2.3 Other hazards which do not result in GHS classification:

No other information noted

SECTION 3. INFORMATION ON INGREDIENTS

Ingredient	CAS	wt%	EC No:
Decamethylcyclopentasiloxane	541-02-6	>90	208-764-9

SECTION 4. FIRST AID MEASURES

General information: No specific first aid measures noted.

4.1 Description of first aid measures:

Inhalation:

Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin Contact:

Wash skin with soap and water. Get medical attention if symptoms occur after washing.

Eye Contact:

In the event of contact with the eyes, rinse thoroughly with clean water for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

Ingestion:

Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if symptoms occur.

Personal Protection for First-aid Responders: First Aid responders should pay attention to self-protection and use the re commended protective clothing (chemical resistant gloves, splash protection). Refer to sections 5 and 8 for information on emergency procedures and protective equipment.

4.2 Most important symptoms and effects, both acute and delayed: No specific symptoms noted.
4.3 Indication of any immediate medical attention and special treatment needed:

Notes to the physician: No specific recommendations

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media: Water spray, foam, dry powder or carbon dioxide.Unsuitable extinguishing media: Avoid water in straight hose stream; will scatter and spread fire.

5.2 Special hazards arising from the substance or mixture:

Combustible liquid. Thermal decomposition or combustion may liberate carbon oxides, silicone oxides and other toxic gases or vapors.

5.3 Advise for firefighters:

Special fire-fighting procedures: Use standard fire fighting procedures and consider the hazards of other involved materials. Remove undamaged containers from fire area if it is safe to do so. Evacuate to a safe location and contact the emergency services. Water spray should to used to cool containers.

Special protective equipment for fire-fighters: Firefighters should wear standard protective equipment and a positive pressure self-contained breathing apparatus (SCBA).

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, protective equipment and emergency procedures: Use personal protective equipment. See Section 8 on the SDS for Personal Protective Equipment.

6.2 Environmental Precautions: Do not discharge into drains, water courses or onto the ground. Collect spillage. Use containment for a large spill.

6.3 Methods and material for containment and cleaning up: Absorb with sand or other inert absorbent and place into containers.

6.4 Reference to other sections: Caution: Contaminated surfaces may be slippery. For waste disposal, see section 12 of the SDS.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling: No special precautions are necessary beyond normal good hygiene practices. See Section 8 of the SDS for additional person protection advice when handling this product. In case of spills, beware of slippery floors and surfaces.

Hygiene measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing protective equipment to remove contaminants.

7.2 Conditions for safe storage, including any incompatibilities: Store in accordance with local/ regional/national regulations. Store in tightly closed original container in a dry and cool place.

Packaging frequently used at our sites: Steel drums coated with epoxy-resin.

7.3 Specific end use(s): See the technical data sheet on this product for further information.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Occupational Exposure Limits:

Decamethylcyclopentasiloxane

Type: TWA **Exposure Limit Valves: 10 ppm** **Source: WEEL** **Date: 2020**

8.2 Exposure controls:

Appropriate Engineering Controls: Use engineering controls to reduce air contamination to permissible exposure level. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment: Provide sufficient ventilation during operations which cause vapor formation. Personal protective equipment should be chosen according to applicable standards, adapted to the conditions of use of the protect and in discussion with the supplier of the personal protective equipment.

Eye/face protection:	Safety glasses with side shields
Hand Protection:	Protective gloves are recommended.
Skin and Body Protection:	No skin protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.
Respiratory Protection:	No protection is ordinarily required under normal conditions of use with adequate ventilation.
Environmental Controls:	See sections 7 and 13 of the Safety Data Sheet.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES:

9.1 Information on basic physical and chemical properties.

Appearance:	
Physical state:	Liquid
Form:	Sliightly viscous
Color:	Colorless
Odor:	Odorless
pH:	By definition, pH measurement consists in determination of hydrogen ions concentration in solution, generally aqueous. Silicones products are hydrophobic and therefore, not soluble in water. By consequence, it is not possible to measure the pH value.
Melting point/Freezing point:	-38°C
Boiling point:	211°C (1,013 hPa)
Flashpoint:	176°F (80°C) (Closed cup according to method Afnor T 60103.)
Evaporation rate:	No data available.
Flammability (solid, gas):	Not applicable.
Flammability limit – upper (%):	No data available.
Flammability limit – lower (%):	No data available.
Vapor pressure:	0.332 hPa (73°F (23°C))
Vapor density:	12.8
Relative density:	0.95 (68°F (20°C)) Approximate
Solubility (ies):	
Solubility in water:	0.017 g/l (73°F 23°C))
Solubility (other):	Common organic solvents.: Miscible (in all proportions).
Partition coefficient (n-octanol/water):	8.02
Auto-ignition temperature:	702°F (372°C))
Decomposition temperature:	No data available.
Kinematic Viscosity:	Approximate 3.7 mm2/s (77°F (25°C))

9.2 Other information

Molecular weight:	370.5 g/mol (C10H30O5Si5)
Dynamic viscosity:	3.5 mPa.s (25°C)
Explosive properties:	The molecule has no chemical groups that are associated with explosive properties.
Oxidizing properties:	Not considered as Oxidizing. (evaluation by structure-activity relationship).
Particle Size:	Not applicable.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity:
No other information noted.

10.2 Chemical Stability:
Stable

10.3 Possibility of hazardous reactions:
Will not occur.

10.4 Conditions to avoid:
Avoid heat, sparks, open flames and other ignition sources.

10.5 Incompatible Materials:
Strong oxidizing agents.

10.6 Hazardous Decomposition Products:
Thermal decomposition or combustion may liberate carbon oxides, other toxic gases or vapors and amorphous silica.

SECTION 11. TOXICOLOGICAL INFORMATION

Ingestion: No effects expected.
Skin Contact: No effects expected.
Eye contact: No effects expected,

11.1 Information on toxicological effects:

Acute toxicity:
Oral: Not classified for acute toxicity based on available data.
Dermal: Not classified for acute toxicity based on available data.

Repeated dose toxicity:

Based on our knowledge of the composition information:
DECAMETHYLCYCLOPENTASILOXANE (541-02-6):
NOAEL: 1,000 mg/kg : (Rat: Female, Male : Oral) : Method: OECD 408 : Subchronic exposure.
NOAEL: 2.42 mg/l : (Rate : Female, Male : Inhalation – vapour): Method: OECD 453 : Chronic exposure.
NOAEL: 1,600 mg/kg : (Rat : Female, Male : Dermal) : Method: OECD 410 : Subacute exposure

Skin Corrosion/Irritation:

Based on our knowledge of the composition information.
DECAMETHYLCYCLOPENTASILOXANE (541-02-6):
Not irritating (Rabbit) : Method: OECD 405

Respiratory of Skin Sensitization:

Based on our knowledge of the composition information.
DECAMETHYLCYCLOPENTASILOXANE (541-02-6):
Skin sensitization: Not a skin sensitizer. (Mouse) : Method: OECD 429

Germ Cell Mutagenicity:

In vitro: Based on our knowledge of the composition information.
DECAMETHYLCYCLOPENTASILOXANE (541-02-6):
Bacterial reverse mutation test: No mutagenic components identified. (Salmonelia typhimurim and Escherichia coli : with and without metabolic activation) ; Method: OECD 471
In vitro gene mutations test on mammalian cells:No mutagenic components identified (Mouse lymphoma cells : with and without metabolic activation) : Method: OECD 476
Chromosomal aberration: No clastogenic effect. (Chinese hamster lung cells : with and without metabolic activation) : Method: OECD 473

In vitro: Based on our knowledge of the composition information.

DECAMETHYLCYCLOPENTASILOXANE (541-02-6):

Mammalian erythrocyte micronucleus test: negative(Rat: Female, Male: Inhalation): Method: OECD 474 Unscheduled DNA Synthesis (UDS) Test with mammalian liver cells in vivo: negative (Rat: Female, Male: (Inhalation) : Method: OECD 486

Carcinogenicity:

Based on our knowledge of the composition information.
DECAMETHYLCYCLOPENTASILOXANE (541-02-6):
Not classified
NOAEC: >= 2.42 GL/L (Rat: Female, Male: Inhalation – vapor) : Method: Similar to OECD 453 : Chronic exposure. No carcinogenic effects relevant to humans.

IARC Monographs on the Evaluation of Carcinogenic Rists to Humans:

No carcinogens present or present in regulated quantities.

US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogens present or present in regulated quantities.

US OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:

No carcinogens present or present in regulated quantities.

Reproductive toxicity:

Based on our knowledge of the composition information.
DECAMETHYLCYCLOPENTASILOXANE (541-02-6):
Not classified
Fertility study 2 generations: NOAEL (parent): > 2,496 mg/l: NOAEL (F1): > 2,496 mg/l: NOEL (F2):
None. (Rat : Female, Male : Inhalation – vapor) : Method: OECD 416

Teratogenicity: No data available.

Specific Target Oran Toxicity – Repeated Exposure:

Based on our knowledge of the composition information.
DECAMETHYLCYCLOPENTASILOXANE (541-02-6):
Based on available data, the classification criteria are not met.

Aspiration Hazard:

Based on our knowledge of the composition information.
DECAMETHYLCYCLOPENTASILOXANE (541-02-6):
Based on available data, the classification criteria are not met.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

Fish: Based on our knowledge of the composition information.
DECAMETHYLCYCLOPENTASILOXANE (541-02-6):
LC 50 (Oncorhynchus mykiss; 96 h Flow through) : > 0.016 mg/l ; Method: OECD 204
NOEC (Oncorhynchus mykss; 96 h Flow through) : >= 0.016 mg/l ; Method OECD 204

Aquatic Invertebrates: Based on our knowledge of the composition information.
DECAMETHYLCYCLOPENTASILOXANE (541-02-6):
LC 50 (Water flea (Daphnia magna); 48 h ; Flow through) > 0.0029 mg/l ; Method: OECD 202
NOEC (Water flea (Daphnia magna); 48 h ; Flow through) > 0.0029 mg/l ; Method: OECD 202

Aquatic plants: Based on our knowledge of the composition information.

DECAMETHYLCYCLOPENTASILOXANE (541-02-6):
LC 50 (Algae (Pseudokirchneriella subcapitata); 96 h ; Static) > 0.0012 mg/l ; Method: OECD 201
NOEC (Algae (Pseudokirchneriella subcapitata); 96 h ; Static) > 0.0012 mg/l ; Method: OECD 201

Toxicity to microorganisms: No data available.

Chronic Toxicty:

Fish: Based on our knowledge of the composition information:
DECAMETHYLCYCLOPENTASILOXANE (541-02-6):
NOEC (Oncorhynchus mykiss; 90 d ; Flow through) >= 0.014 mg/l ; Method: OECD 210

Aquatic Invertebrates: Based on our knowledge of the composition information:

DECAMETHYLCYCLOPENTASILOXANE (541-02-6):

NOEC (Water flea (Daphnia magna); 21 d ; semi-static) : >= 0.015 mg/l ; Method: OECD 211

12.2 Persistence and Degradability:

Stability in water: No data available.

Biodegradation: Based on our knowledge of the composition information:

DECAMETHYLCYCLOPENTASILOXANE (541-02-6):

0.14 % (28 d) ; The product is not readily biodegradable.

BOD/COD Ratio: No data available.

12.3 Bioaccumulation potential:

Bioconcentration Factor (BCF): Based on our knowledge of the composition information:

DECAMETHYLCYCLOPENTASILOXANE (541-02-6):

Bioconcentration Factor (BCF): 16,200 (Pimephales promelas) ; Method: OECD 305 ; The product is not bioaccumulating.

Partition coefficient (n-octanol/water):

Log Kow: 8.02 (25^{o}C) ; Method: OECD 123

12,4 Mobility in soil:

No data available.

12.5 Other adverse effects:

No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

The user's attention is drawn to the possible existence of local regulations regarding disposal

Disposal methods:

Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Contaminated Packaging:

Contaminated packages should be as empty as possible. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and characteristics at time of disposal. Recycle following cleaning or dispose of at an authorized site.

SECTION 14. TRANSPORT INFORMATION

DOT	Not regulated.
IMDG / IMO	Not regulated.
IATA	No regulated.

Other information:

If this material is packaged in containers > 119 gallons, it will be regulated for shipping by DOT and TDG. IBC shipping name NA 1993 COMBUSTIBLE LIQUID, N.O.S. (Decamethylcyclopentasiloxane), 3, III

SECTION 15. REGULATORY INFORMATION

US Federal Regulations:

TSCA Section 12(b) Export Notification (40 CFR, 707, Subpt. D): None present or none present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4): None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act. Of 1986 (SARA):

Hazard categories: Combustible liquids

SARA 304 Emergency Release Notification: None present or none present in regulated quantities.

US State Regulations:

US. California Proposition 65: No ingredient requiring a warning under CA Prop 65
US. New Jersey Worker and community Right-to-know Act: No ingredient regulated by
NJ Right-to-Know Law present. US. MASSACHUSETTS RTK – Substance List: No ingredient regulated by MA Right-to-Know Law present.
US. Pennsylvania RTK – Hazardous Substances: No ingredient regulated by PA Right-to-Know Law present.
US. Rhode Island RTK: No ingredient regulated by RI Right-to-Know Law present.

Inventory Status:

Australia Industrial Chem Act (AIIC):	On or in compliance with the inventory.
Canada DSL Inventory List:	On or in compliance with the inventory.
China Inv. Existing Chemical Substances.	On or in compliance with the inventory.
Japan (ENCS) List:	On or in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory.
New Zealand Inventory of Chemicals.	On or in compliance with the inventory.
Philippines PICCS:	On or in compliance with the inventory.
Taiwan Chemical Substances Inventory	On or in compliance with the inventory.
US TSCA Inventory	On or in compliance with the inventory.
Thailand DIW Existing Chemical Inv. List:	On or in compliance with the inventory.
Vietnam National Chemical Inventory:	On or in compliance with the inventory.
EINECS, ELINCS or NLP:	On or in compliance with the inventory.

SECTION 16. OTHER INFORMATION

NFPA Hazard ID:

Flammability – 2 Moderate
Health – 1 Slight
Reactivity – 0 Minimal

Revision:	**Date:**	**Purpose:**
1	October 9, 2025	SDS Creation

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