

SAFETY DATA SHEET



Commercial Product Name: ALEXSEAL A5005-Premium Wash Down
Product No.: 9073200000000

Version 1.3 Revision Date: 01/10/2019 SDS Number: F-9073200000 Date of last issue: 03/21/2017
Date of first issue: 09/10/2015

SECTION 1. IDENTIFICATION

Product name : ALEXSEAL A5005-Premium Wash Down
Product number : 9073200000000

Manufacturer or supplier's details

Manufacturer, importer, supplier : Mankiewicz Coatings L.L.C
Address : 1200 Charleston Regional Parkway
Charleston, South Carolina 29492
USA
Telephone : +1 (843) 6547755
Telefax : +1 (843) 6547759
E-mail address : sdb_info@umco.de
Emergency telephone : CHEMTREC +1 (800) 4249300 or + (703) 5273887

Recommended use of the chemical and restrictions on use

Recommended use : Detergent
Cleansing agents, alkaline.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : alkaline cleaner

Components

Chemical name	CAS-No.	Concentration (% w/w)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	68439-57-6	>= 5 - < 10

SECTION 4. FIRST AID MEASURES

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- General advice : Take off all contaminated clothing immediately.
Take the victim into fresh air.
- If inhaled : Move to fresh air.
If symptoms persist, call a physician.
- In case of skin contact : Wash off with warm water.
If symptoms persist, call a physician.
- In case of eye contact : Immediately flush eye(s) with plenty of water.
If eye irritation persists, consult a specialist.
- If swallowed : Immediately give large quantities of water to drink.
Obtain medical attention.
- Most important symptoms and effects, both acute and delayed : For information on symptoms and effects refer to Section 2 Hazard statements and Section 11 Toxicological Information.
- Notes to physician : No information available.

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Specific hazards during fire fighting : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.
- Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for fire-fighters : As in any fire, wear self-contained breathing apparatus pressure - demand, MSHA / NIOSH (approved or equivalent) and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Ensure adequate ventilation.
Sweep up to prevent slipping hazard.
- Environmental precautions : Do not flush into surface water or sanitary sewer system.
Prevent spreading over a wide area (e.g., by containment or oil barriers).
- Methods and materials for containment and cleaning up : Dilute with water.
Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).
Keep in suitable, closed containers for disposal.

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Flush with water.

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : No special protective measures against fire required.
- Conditions for safe storage : Store in original container.
Keep tightly closed in a dry, cool and well-ventilated place.
- Further information on storage conditions : Keep container dry in a cool, well-ventilated place.
Avoid cooling to under 32°F.
- Materials to avoid : Keep away from food, drink and animal feedingstuffs.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.


- Engineering measures** : Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and below the OEL (= Occupational Exposure Limit), suitable respiratory protection must be worn.

Personal protective equipment

Hand protection

- Remarks : The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Nitrile rubber
- Eye protection : Use safety glasses or face shield (ANSI Z87.1 or approved equivalent).
- Skin and body protection : Clothing as usual in the chemical industry.
- Protective measures : Avoid product contact with skin, eyes and clothing.
When using do not eat or drink.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Remove and wash contaminated clothing and gloves, including the inside, before re-use.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Mankiewicz Gebr. & Co. (GmbH & Co. KG) Georg-Wilhelm-Straße 189 21107 Hamburg (Wilhelmsburg) Tel.: +49 (0) 40 / 75 10 30 Fax: +49 (0) 40 / 75 10 33 75 www.mankiewicz.de	Bank Name Deutsche Bank HypoVereinsbank Postbank	Ort Hamburg Hamburg Hamburg	Kto.-Nr. 600227300 59273300 373205	BLZ 200 700 00 200 300 00 200 100 20	BIC DEUTDE33XXX HYVEDE33XXX PBNKDE33XXX	IBAN DE58 2007 0000 0600 2273 00 DE34 2003 0000 0059 2733 00 DE85 2001 0020 0000 3732 05	Sitz/Registriergericht Hamburg: HRA 42442 Personlich haftende Gesellschafterin: Grau Gebr. Beteiligungs-GmbH Sitz/Registriergericht Hamburg: HRB 17189 Geschäftsführender Gesellschafter: Michael O. Grau	Bureau Veritas Certification: ISO 9001, TS 16949, EN 9100 
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Appearance : liquid

Color : dark blue

Odor : pleasant

pH : 8.2 (68 °F / 20 °C)

Melting point/range : ca. 32 °F / 0 °C

Boiling point/boiling range : 212 °F / 100 °C

Flash point : Not applicable

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapor pressure : 23 hPa (68 °F / 20 °C)

Density : 8.43 lb/gal (1.01 g/cm³)
(68 °F / 20 °C)

Solubility(ies)
Water solubility : completely miscible

Viscosity
Viscosity, kinematic : 21 mm²/s (104 °F / 40 °C)
95 mm²/s (73 °F / 23 °C)

Flow time : < 14 s
Cross section: 4 mm
Method: DIN 53211

< 10 s
Cross section: 6 mm
Method: ISO 2431

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : Stable under normal conditions.

Conditions to avoid : Stable under recommended storage and handling conditions
(See section 7).

Incompatible materials : No data available

Hazardous decomposition : No decomposition if used as directed.

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21107 Hamburg (Wilhelmsburg)
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www.mankiewicz.de

Bank Name	Ort	Kto.-Nr.	BLZ	BIC	IBAN
Deutsche Bank	Hamburg	600227300	200 700 00	DEUTDE33HAN	DE58 2007 0000 0600 2273 00
HypoVereinsbank	Hamburg	59273300	200 300 00	HYVEDE33HAN	DE34 2003 0000 0059 2733 00
Postbank	Hamburg	373205	200 100 20	PBNKDE33HAN	DE85 2001 0020 0000 3732 05

Sitz/Registriergericht Hamburg: HRA 42442
Bureau Veritas
Certification:
ISO 9001,
TS 16949,
EN 9100
Sitz/Registriergericht Hamburg: HRB 17189
Geschäftsführender Gesellschafter:
Michael O. Grau



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products

SECTION 11. TOXICOLOGICAL INFORMATION

Serious eye damage/eye irritation

Product:

Result : No eye irritation

Carcinogenicity

IARC No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Further information

Product:

Remarks : Exposure of vapor concentration in excess of the stated OEL's may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue muscular weakness, drowsiness and in extrem cases, loss of consciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. The liquid splashed in the eyes may cause irritation and reversible damage.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Ecotoxicology Assessment

Acute aquatic toxicity : There are no data available on the preparation itself.

Persistence and degradability

Product:

Biodegradability : Biodegradation: > 70 %
Method: OECD Test Guideline 301

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Bioaccumulative potential

Product:

Bioaccumulation : Remarks: There are no data available on the preparation itself.

Mobility in soil

Product:

Mobility : Remarks: There are no data available on the preparation itself.

Other adverse effects

Product:

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : There are no data available on the preparation itself.

The product should not be allowed to enter drains or water courses.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with local regulations.

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

49 CFR

Not regulated as a dangerous good

Remarks : If transported within the user's premises: To be transported

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always in closed, upright and safe containers. Make sure that persons handling these containers are aware of the rules of conduct in case of incident or spillage.

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : No SARA Hazards

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations

Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

Maine Chemicals of High Concern

Product does not contain any listed chemicals

Vermont Chemicals of High Concern

Product does not contain any listed chemicals

Washington Chemicals of High Concern

Product does not contain any listed chemicals

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California Prop. 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

The ingredients of this product are reported in the following inventories:

TSCA : On TSCA Inventory

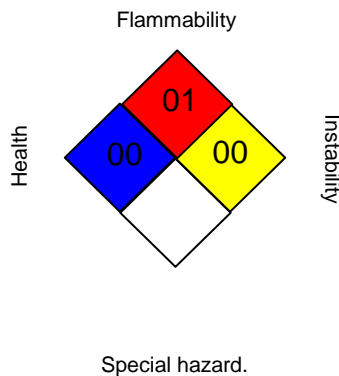
TSCA list

No substances are subject to a Significant New Use Rule.

SECTION 16. OTHER INFORMATION

Further information

NFPA 704:



HMIS® IV:

HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Health
0=Slightly Hazardous Slightly Hazardous
2=Hazardous
3=Extreme danger
4=Deadly

Flammability
0=Will not burn
2=Flashpoint below 200 F
3=Flashpoint below 100 F
4=Flashpoint below 73 F

Instability
0=Stable
1=Unstable if heated
2=Violent chemical reaction; water reactive
3=Shock or heat may detonate
4=May detonate

Special hazard.
SA Simple Asphyxiant
ACID Acid
OX Oxidizer
W Water Reactive
CORR Corrosive

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Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 01/10/2019

The information provided in this Material 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.

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