

**CHEMACT AF2530****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name	CHEMACT AF2530
Chemical Name, Other Names	Defoamer, Antifoaming Agent
Application / Use	Foam control
Company / Supplier Identification	Athena Chemical Technologies FZE Office P8-11-57, PO Box 513860, SAIF Zone, Sharjah, United Arab Emirates
Telephone Number	+971 55 6876774
Email Address	sales@athenachem.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Substance(s)	CAS #	% (w/w)
Proprietary Silicon Blend	-	100.00

Refer to Section 16 for descriptions of relevant risk phrases

3. HAZARDS IDENTIFICATION

Classification of Substance	This product is classified as Non-hazardous substance in accordance with classification (91/155/EEC)
Label Elements	Labelling – Corrosive substance or mixture.

**Precautionary Statements:**

Prevention:	Keep only in original container. Do not breathe dust, fume, gas, mist, vapors or spray. Wash thoroughly after handling. Wear gloves, eye and face protection and protective clothing.
Response:	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Specific treatment (see First Aid on SDS or on this label). Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

4. FIRST AID MEASURES

Inhalation	Get medical attention. Remove to fresh air, treat symptomatically.
Skin Contact	Get immediate medical attention. Immediately flush with plenty of water for at least 15 minutes. For a large splash, flood body under a shower. Remove contaminated clothing. Wash off affected area immediately with plenty of water. Contaminated clothing, shoes, and leather goods must be discarded or cleaned before re-use.
Eye Contact	Get immediate medical attention. PROMPT ACTION IS ESSENTIAL IN CASE OF CONTACT. Immediately flush eye with water for at least 15 minutes while holding eyelids open.
Ingestion	Get immediate medical attention. DO NOT INDUCE VOMITING. If conscious, washout mouth and give water to drink.
Note to Physicians:	Treat symptomatically. Note potential for anaphylactic shock with allergic individuals.
Most important symptoms/effects	Causes severe eye irritation which may damage tissue. Causes severe skin irritation with tissue destruction. May cause allergic skin reaction. May cause allergic respiratory reaction. May cause respiratory irritation. Harmful if

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swallowed. Toxic if inhaled. Potential reproductive hazard. May cause birth defects.

5. FIRE FIGHTING MEASURES

Flash Point	No data available
Auto ignition Temperature	No data available
Extinguishing media - Suitable	Water fog, carbon dioxide, foam, dry chemical. Extinguishing media which must not be used for safety reasons None known.
Specific hazards arising from the substance or mixture	Decomposition in fire may produce harmful gases.
Special protective equipment and precautions for fire-fighters	Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.
Other Information	Not available

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Restrict access to area as appropriate until clean-up operations are complete. Use personal protective equipment recommended in Section 8 (Exposure Controls/Personal Protection). Stop or reduce any leaks if it is safe to do so. Ventilate spill area if possible. Remove sources of ignition. Ensure clean-up is conducted by trained personnel only. Do not touch spilled material. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Notify appropriate government, occupational health and safety and environmental authorities.
Methods of Cleaning up	SMALL SPILLS: Soak up spill with absorbent material. Place residues in a suitable, covered, properly labeled container. Wash affected area. LARGE SPILLS: Contain absorbent material and dust formation by using water or mist. Reclaim into recovery or salvage drums or tank truck for proper disposal. Clean contaminated surfaces with water or aqueous cleaning agents. Contact an approved waste hauler for disposal of contaminated recovered material. Dispose of material in compliance with regulations indicated in Section 13 (Disposal Considerations).
Environmental Precautions	Prevent material from entering sewers or waterways. May cause long-term adverse effects in the aquatic environment.

7. HANDLING AND STORAGE

Handling	Do not get in eyes, on skin, on clothing. Do not take internally. Use with adequate ventilation. Do not breathe vapors/gases/dust. Avoid contact with product dust. Keep the containers and bags closed when not in use. Ensure all containers are labelled. Do not use, store, spill or pour near heat, sparks or open flame.
Storage Conditions	Store in suitable labelled containers. Store the containers and bags tightly closed. Store away from heat and sources of ignition. Have appropriate fire extinguishers available in and near the storage area. Connections must be grounded to avoid electrical charges. Store separately from oxidizers. Store in cool and well ventilated storage area.
Specific Uses	Industrial, oil & gas microbiological treatment

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures	General ventilation is recommended. The use of local exhaust ventilation is recommended to control emissions near the source. Laboratory samples should be handled in a fumehood. Provide mechanical ventilation of confined spaces.
Personal Protection	GENERAL ADVICE : The use and choice of personal protection equipment is related to the hazard of the product, the workplace and the way the product is handled. We recommend as a minimum precaution that safety glasses with side-shields and workclothes protecting arms, legs and body be used. RESPIRATORY PROTECTION : Where concentrations in air may exceed the limits given in this section, the use of a half face filter mask or air supplied breathing apparatus is recommended. A suitable filter material depends on the amount and type of chemicals being handled. The applicable European standard can be found in EN 141, EN 143 and EN 371. Consider the use of filter type: A-P In event

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of emergency or planned entry into unknown concentrations a positive pressure, full-facepiece SCBA should be used. If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.

HAND PROTECTION : When handling this product, the use of chemical gauntlets is recommended., The choice of work glove depends on work conditions and what chemicals are handled, we have positive experience using gloves made from PVC. Gloves should be replaced immediately if signs of degradation are observed., Breakthrough time not determined as preparation, consult PPE manufacturers.

SKIN PROTECTION : When handling this product, the use of overalls, a chemical resistant apron and rubber boots is recommended. A full slicker suit is recommended if gross exposure is possible.

EYE PROTECTION : Wear a face shield with chemical splash goggles.

Hygiene Recommendations

Use good work and personal hygiene practices to avoid exposure. Keep an eye wash fountain available. Keep a safety shower available. If clothing is contaminated, remove clothing and thoroughly wash the affected area. Launder contaminated clothing before reuse. Always wash thoroughly after handling chemicals. When handling this product never eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Emulsion
Appearance	White milky
Odour	Product specific
pH	3.0 – 8.5
Boiling Point	No data available
Freezing point	No data available
Vapour pressure	No data available
Vapour density	No data available
Solubility	Soluble in water
Autoignition temperature	>100 °C
Specific gravity at 25 °C	0.95 – 1.02
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

Note: These physical properties are typical values for this product and are subject to change.

10. STABILITY AND REACTIVITY

Reactivity	No decomposition if stored and applied as directed.
Chemical stability	Stable under recommended storage conditions.
Hazardous polymerisation	Product will not undergo hazardous polymerization.
Conditions to avoid	Keep away from heat, flame, sparks and other ignition sources. Heat, flames and sparks.
Incompatible materials to avoid	Acids, chlorates, Chlorine, Metals, nitrates, Oxidizing agents, Strong bases, strong reducing agents, Peroxides
Hazardous decomposition products	Hydrogen chloride gas, Sodium oxides, Carbon monoxide, Carbon dioxide (CO ₂) Nitrogen oxides (NO _x), acid vapors, Ammonia, Sulphur oxides

11. TOXICOLOGICAL INFORMATION**Information on Toxicological Effects**

Acute toxicity	Inhalation: Toxic if inhaled. Causes severe respiratory irritation. May cause allergic respiratory reaction. Inhalation of vapors may result in skin sensitization. Eye Contact: Causes severe eye irritation which may damage tissue. Skin Contact: Causes severe burns. May cause an allergic skin reaction. Ingestion: Harmful if swallowed. Causes burns of the mouth, throat and stomach.
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Routes of exposure	Principle Route of Exposure Eye or skin contact, inhalation; Ingestion.
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Toxicity data

Effects on Humans:	This product considered as low toxic.
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**CHEMACT AF2530****12. ECOLOGICAL INFORMATION**

Ecotoxicity	The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence & Degradability	No data available
Bioaccumulative Potential	No potentially hazardous reactions known.
Mobility in soil	No data available
PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

13. DISPOSAL CONSIDERATIONS

Local legislation	Disposal should be in accordance with applicable regional, national, and local laws and regulations. This product should not be dumped, spilled, rinsed or washed into sewers or public waterways.
Disposal methods	Product reuse or disposal in accordance with valid waste legislative regulations. Product is transferred in flexi bags in containers or in drums or in containers. Proceed in accordance with valid local and international health, air and water legislative regulations.

14. TRANSPORT INFORMATION

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper Shipping Name / Hazard Class may vary by packaging, properties, and mode of transportation. Typical Proper Shipping Names for this product are:

DOT

UN Number	Not regulated
Proper Shipping Name	ChemACT AF2530
Hazard Class	-
Packing group	-
Environmental hazards	-

IATA

UN Number	Not regulated
Proper Shipping Name	ChemACT AF2530
Hazard Class	-
Packing group	-
Environmental hazards	-

IMDG

UN Number	Not regulated
Proper Shipping Name	ChemACT AF2530
Hazard Class	-
Packing group	-
Environmental hazards	-

Special precautions for user No data available

15. REGULATORY INFORMATION**Safety, health and environmental regulations/legislation specific for the substance or mixture**

National regulations	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). Health and Safety at Work etc. Act 1974 (as amended). Control of Substances Hazardous to Health Regulations 2002 (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
EU legislation	Dangerous Substances Directive 67/548/EEC. Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council



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Guidance	Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended). EU Directives 67/548/EEC and 1999/45/EC (including amendments). Approved Classification and Labelling Guide (Sixth edition) L131. Safety Data Sheets for Substances and Preparations.
Health and environmental listings	Regulation (EC) 689/2008 of the European Parliament and of the Council of 17 June 2008 concerning the export and import of dangerous chemicals (as amended).
Chemical Safety Assessment	No data available

16.	OTHER INFORMATION
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Date issued	03 08 2019
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Disclaimer Statement	The information above is believed to be accurate and represents the best information currently available to us. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Athena Chemical Technologies be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Athena Chemical Technologies has been advised of the possibility of such damages.
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