



# شركة أبولو لكيمائيات الأبنية

## Apollo For Construction Chemicals

### MATREIAL SAFETY DATA SHEET (Apollo Repellent SS)

#### 1-PROUDUCT AND COMPANY IDENTIFICATION

**Product Name:** Apollo Repellent SS

**Chemical Family:** Silicone based water repellent coating- solvent based

**Manufacturer:** **Apollo For Construction Chemicals**

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**Date Prepared:** 01.07.2023

**MSDS Number:** Nasa/01/07/226

#### 2- COMPOSITION /INFORMATION ON INGREDIENTS

**Composition :** Siloxane Liqued, White Spirit

Hazardous Ingredient(s):	Symbol	Risk Phrases	CAS No.	%
White spirit:	Xn, N	R10, 51/53, 65	64742-82-1	30

Refer to Section 8 for Occupational Exposure Limits.

#### 3-HAZARD INFORMATION

**Hazard information:** Flammable.

Toxic to aquatic organism, may cause long-term effects in the aquatic environment. Harmful: may cause lung damage if swallowed.

**Classification:** Xn, N. R10, 51/53, 65.



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#### 4-FIRST AID MEASURES

**Eyes:** Irrigate immediately with copious quantities of water for 15 minutes. Obtain medical attention urgently.

**Skin:** Wash immediately with soap and water or suitable skin cleanser. Remove contaminated clothes and shoes. Obtain medical advice if skin disorders develop.

**Inhalation:** Remove from exposure; obtain medical attention if respiratory irritation develops or if breathing becomes difficult.

**Ingestion:** Rinse mouth thoroughly. Drink plenty of water. Do not induce vomiting. Obtain medical attention. Beware of aspiration if vomiting occurs.

#### 5-FIRE FIGHTING MEASURES

**Flash point (Closed Cup):** 39°C.

**Extinguishing media:** Carbon dioxide, powder, foam or water.

**Personal protective equipment:** Self-contained breathing apparatus. Full protective coatings.

**Special Exposure hazards:** Carbon Oxides.

#### 6- ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Immediately issue NO SMOKING and NO NAKED FLAMES warnings. Wear Suitable protective clothing, gloves and eye/face protection.

**Environmental Precautions:** Prevent entry into drains, sewers and water courses.

**Decontamination Procedures:** Soak up with inert absorbent such as sand. Gather into labeled Containers. Dispose of as applicable regulations.

#### 7- HANDLING AND STORAGE

**Handling:** Maintain good standards of personal hygiene. Avoid skin drink or smoke whilst using this product. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. and eye contact. Do not eat,

**Storage:** Keep container tightly closed in a cool dry area away from sources of heat and out of direct sunlight to avoid pressure build up. Store in conformity with local fire regulations. Store away from sources of ignition.



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#### 8-EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Eye protection:** Safety glasses/goggles.

**Skin protection:** Impervious gloves (e.g. PVC). Suitable protective clothing.

**Respiratory protection:** Organic chemical cartridge respirator.

**Hygiene measures:** Change contaminated clothing and clean before re-use.

**Engineering controls:** Use only in well ventilated areas. Local exhaust ventilation is recommended.

#### 9-PHYSICAL AND CHEMICAL PROPERTIES

<b>Form:</b>	Liquid
<b>Color:</b>	Colorless
<b>Odor:</b>	Spirit Odor
<b>PH (concentrate):</b>	Not applicable
<b>Boiling Point (°C):</b>	155-190
<b>Flash Point (closed cup) (°C):</b>	39
<b>Auto flammability (°C):</b>	Autoignition 230°C
<b>Explosive Properties (%):</b>	Lower Explosive Limit (LEL): 0.6% Upper Explosive Limit (UEL): 8.0%
<b>Relative Density (@25°C):</b>	0.79
<b>Water Solubility:</b>	Insoluble

#### 10- STABILITY AND REACTIVITY

**Stability:** Contains volatile solvent. Stable.

**Conditions to Avoid:** Any source of ignition. And

**Temperatures above 35°C. Chemical incompatibility:** Strong acids. Strong alkalis. Strong oxidizing agents. Hazardous Decomposition

**Products:** Thermal decomposition yield oxides of carbon.



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#### 11-TOXICOLOGICAL INFORMATION

Health Effects

**On Eyes:** Irritant.

**On Skin:** Liquid and vapor can cause irritation on contact and at high concentrations.

**Chronic:** Repeated and prolonged skin contact may cause skin dryness or cracking.

#### 12- ECOLOGICAL INFORMATION

**Environmental Assessment:** Contains volatile organic compounds.

**Mobility:** Liquid. Insoluble in water.

**Acute fish toxicity:** Ecotoxic to fish/ daphnia/ algae.

#### 13- DISPOSAL CONSIDERATION

**Disposal must be in accordance with local and national legislation.**

**Unused Product:** Dispose of through an authorized waste contractor to a licensed site.

**Used/ Contaminated Product:** Dispose of through an authorized waste contractor to a licensed site. Maybe incinerated. Do not empty into drains, sewers or water courses.

**Packaging:** Must be disposed of through an authorized waste contractor. Contains volatile solvent, ventilate before steam cleaning (explosion risk). Contains flammable residues, do not crush or incinerate.

#### 14- TRANSPORT INFORMATION

**UN Number:** 3295

**Transport Name:** White spirit mixture.

Transport Type:		Class:	Pack Group:	Marine Pollutant
At Sea	IMO/IMDG	3	III	yes
Air Transport	IATA	3	III	
At land	RID/ADR	3	Item 31c	



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#### 15- REGULATORY INFORMATION

Hazard Label Data:

Xn

N

F



Harmful



Dangerous for  
the environment



Flammable

**Named Ingredients:** White spirit

**UN Number:** 3295

**Risk Phrases:** R10 Flammable.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse in the aquatic environment.  
R65 Harmful: may cause lung damage if swallowed.

**Safety Phrases:** S16 Keep away from sources of ignition-NO SMAKING.  
S24/25 Avoid contact with skin and eyes.  
S36/39 Wear suitable gloves and  
S51 Use only in well ven



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### 16- OTHER INFORMATION

**Issue Date:** 20/07/2023

**Disclaimer:** The information contained herein is derived from the best available sources and is believed to be accurate. However, no guarantee is expressed or implied regarding the accuracy of the data given in the use of this product.



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