GREEN AGROCHEM
INDUSTRIAL CHEMICALS

SAFETY DATA SHEET (SDS / MSDS)

Sodium Alkyl Naphthalene Sulfonate Wetting Agent

GREEN AGROCHEM Industrial Chemicals - Wetting Agent Product Safety Document

Product Code	GAC-IC-WA-SANS	**Revision Date**	2026-05-02
CAS No.	Typical CAS: 10042-59-8 / grade dependent	**Version**	MSDS-GAC-IC-2026

SECTION 1: Identification

Product Name	Sodium Alkyl Naphthalene Sulfonate Wetting Agent
Synonyms	SANS Wetting Agent; Industrial Wetting Agent
CAS No.	Typical CAS: 10042-59-8 / grade dependent
Product Code	GAC-IC-WA-SANS
Recommended Uses	Agrochemical wetting aid; Pigment and dye wetting aid; Textile wetting/penetrating aid; Powder formulation wetting additive.
Supplier	GREEN AGROCHEM CO., LIMITED
Address	South West Station Road, Fengtai District, Beijing, China
Email	info@greenagrochem.com
Website	www.lignincorp.com
Emergency Contact	Available during normal business hours.

SECTION 2: Hazard(s) Identification

This product series is intended for industrial/professional use. Classification may vary depending on exact grade, active content and local regulations.

Potential hazards:

- Dust may cause mild eye and respiratory irritation.
- Contact with concentrated material may cause skin dryness or mild irritation.
- Wet spilled product may create a slip hazard.
- Final classification depends on grade, active content and local regulations.

Signal Word	None or Warning, depending on final grade and classification
Precautionary Statements	Avoid contact with eyes. Avoid breathing dust, mist or aerosols. Use adequate ventilation. Wash hands after handling. Keep workplace clean and dry.

SECTION 3: Composition / Information on Ingredients

Component	CAS No.	Typical Content
Sodium Alkyl Naphthalene Sulfonate	Typical CAS: 10042-59-8 / grade dependent	Main component / grade dependent
Commercial salts, moisture and formulation auxiliaries	Not applicable	Typical minor constituents

SECTION 4: First-Aid Measures

Inhalation	Move person to fresh air. Obtain medical advice if symptoms persist.
Eye Contact	Flush cautiously with water for at least 15 minutes. Remove contact lenses if present and easy to do. Obtain medical attention if irritation persists.
Skin Contact	Wash thoroughly with soap and water. Remove contaminated clothing if necessary.
Ingestion	Rinse mouth and drink water. Do not induce vomiting unless directed by medical personnel. Seek medical advice if discomfort occurs.
Most Important Symptoms	Possible mild mechanical or surfactant-related irritation to eyes, skin, nose or throat.

SECTION 5: Fire-Fighting Measures

Suitable Extinguishing Media	Water spray, foam, dry chemical powder or CO_2.
Specific Hazards	Dry organic material may burn in strong fire conditions. Avoid dust clouds near ignition sources.
Hazardous Combustion Products	CO, CO_2, sulfur oxides, nitrogen oxides and irritating fumes.
Firefighter Protection	Use self-contained breathing apparatus and protective clothing for major fire.

SECTION 6: Accidental Release Measures

- Avoid dust formation, aerosol generation and unnecessary contact.
- Sweep, shovel or vacuum dry material and collect in suitable containers.
- For liquid or paste grades, contain spill and absorb with sand, earth or suitable absorbent.

- Prevent release to drains, surface water and soil where practical.
- Wash remaining residues carefully because surfaces may be slippery.

SECTION 7: Handling and Storage

Handling	Avoid unnecessary dust, mist or aerosol generation. Use normal industrial hygiene practice. Avoid contact with eyes. Use mechanical transfer where practical.
Storage	Store in a cool, dry and ventilated warehouse. Protect from moisture, freezing where applicable, direct sunlight and contamination. Keep packaging tightly sealed.
Incompatible Materials	Strong oxidizing agents. Avoid excessive heating above normal processing conditions.

SECTION 8: Exposure Controls / Personal Protection

Engineering Controls	General ventilation recommended. Local exhaust ventilation recommended where dust, mist or aerosol may form.
Eye Protection	Safety glasses or goggles, EN166 equivalent.
Hand Protection	Protective gloves suitable for industrial handling.
Respiratory Protection	Dust mask P2 / N95 or equivalent when dusty; suitable respirator where aerosol or mist may form.
Body Protection	Work clothing and safety shoes.
Hygiene Measures	Wash hands before eating, drinking or smoking.

SECTION 9: Physical and Chemical Properties

Appearance	Light brown to brown powder
Physical State	Powder, granule, liquid or paste depending on grade
Odor	Light characteristic odor
pH	7.0 - 9.5, typical aqueous solution
Solubility	Soluble / dispersible in water
Density / Bulk Density	Grade dependent
Typical Active Matter	60% - 90% typical / grade dependent
Ionic Character	Anionic
Thermal Decomposition	No specific data; avoid excessive heating

SECTION 10: Stability and Reactivity

Reactivity	No dangerous reaction expected under normal use.
Chemical Stability	Stable under normal ambient and recommended storage conditions.
Conditions to Avoid	Excessive heating, moisture exposure for powder grades, freezing for liquid grades, incompatible materials.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	CO, CO2, SOx, NOx and irritating fumes under fire conditions.

SECTION 11: Toxicological Information

- No product-specific complete toxicological dataset is available for all commercial grades.
- Dust, mist or splashes may irritate eyes and respiratory tract.
- Repeated or prolonged skin contact may cause dryness or mild irritation in sensitive users.
- Not known to be carcinogenic based on available information for typical commercial use; final assessment depends on grade and impurity profile.
- No unusual chronic effects reported for normal industrial handling when good hygiene practice is followed.

SECTION 12: Ecological Information

- Avoid uncontrolled release to drains, rivers, lakes and soil.
- Large releases of surfactant-containing material may affect aquatic organisms or wastewater treatment systems.
- Biodegradability and aquatic toxicity depend on exact grade and formulation.
- No significant bioaccumulation is expected for many water-soluble surfactant grades, but final assessment must be confirmed by grade-specific data.

SECTION 13: Disposal Considerations

Dispose of product residues, contaminated absorbents and packaging in accordance with local, regional and national regulations. Recycle uncontaminated product or packaging where practical.

SECTION 14: Transport Information

UN Number	Not regulated unless grade-specific classification indicates otherwise
Proper Shipping Name	Not classified as dangerous goods for typical industrial grades
Transport Hazard Class	Not regulated
Packing Group	Not regulated
Marine Pollutant	No, unless grade-specific data indicates otherwise
Transport Note	Confirm final classification according to exact product grade, packaging and transport jurisdiction.

SECTION 15: Regulatory Information

Product is supplied for industrial/professional use unless otherwise confirmed in writing. Users are responsible for compliance with applicable local regulations, workplace exposure rules, use-specific requirements and downstream registration obligations.

SECTION 16: Other Information

Issue Date	2026-05-02
Prepared By	GREEN AGROCHEM CO., LIMITED
Document Type	Safety Data Sheet / Material Safety Data Sheet
Disclaimer	Information is provided for safe handling guidance and believed accurate at issue date. It does not constitute a warranty or final regulatory classification for every jurisdiction or application.

ANNEX A: Exposure Scenario

1. Identified Uses	Agrochemical WP/WG wetting; Pigment and dye wetting; Textile processing; Industrial powder wetting.
2. User Sectors	Industrial and professional users; downstream formulators and manufacturing sites.
3. Product Form	Powder, granule, liquid or paste handled in bags, drums, IBCs, tanks or closed transfer systems.
4. Operational Conditions	Indoor or covered outdoor use under normal ambient temperature.
5. Duration and Frequency	Typical work shift up to 8 hours; batch or continuous industrial handling.
6. Amount Used / Dilution	Use according to formulation, process requirement and customer technical instruction.
7. Exposure Routes	Inhalation of dust/mist/aerosol, eye contact and skin contact.
8. Engineering Controls	Use local exhaust ventilation, enclosed transfer or dust/mist collection where exposure may form.
9. Respiratory Protection	Use P2/N95 dust mask when dusty; suitable respirator where mist or aerosol may form.
10. Eye and Skin Protection	Use safety glasses/goggles, gloves, work clothing and safety shoes.
11. Hygiene Measures	Wash hands after handling; do not eat, drink or smoke in work areas.
12. Housekeeping	Clean spills promptly. Avoid accumulation of powder, residues or slippery wet deposits.
13. Environmental Controls	Prevent discharge to drains, rivers, lakes and soil.
14. Waste Controls	Collect residues and contaminated absorbents for disposal according to regulations.
15. Storage Controls	Keep packaging sealed; protect from moisture, contamination and excessive heat.
16. Downstream User Obligations	Evaluate suitability under actual process conditions and conduct workplace risk assessment where required.

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