

NAC-DS 1211

Wetting and Dispersing Additive (Water Based)

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier used on the label:	NAC-DS-1211
Recommended use of the chemical and restriction on use:	Recommended use: industrial chemicals
	Recommended use: for industrial use only
	Unsuitable for use: Uses other than recommended
Details of the supplier of the safety data sheet:	Company: Noyan Afzon Chem, IRAN
	Telephone: +98 2144787098
Other means of identification:	Chemical family: Contains: additives, organic solvent

SECTION 2. HAZARDS IDENTIFICATION

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification of the product:	Asp. Tox.	1	Aspiration hazard.
	Flam. Liq.	3	Flammable liquids.
	Skin Corr./Irrit.	2	Skin corrosion/irritation
	Eye Dam./Irrit	2A	Serious eye damage/eye irritation
	Skin Sens.	1	Skin sensitization.
	Aquatic Acute.	2	Hazardous to the aquatic environment – acute
	Aquatic Chronic.	2	Hazardous to the aquatic environment – chronic

Label elements:

Pictogram:



Signal Word:

Danger

Hazard Statement:

H226	Flammable liquid and vapor.
H319	Causes serious eye irritation.
H315	Causes skin irritation.

H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.
H335	May cause respiratory irritation.
H401	Toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

**Precautionary Statements
(Prevention):**

P280	Wear protective gloves and eye/face protection.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P271	Use only outdoors or in a well-ventilated area.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P284	In case of inadequate ventilation wear respiratory protection.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P272	Contaminated work clothing should not be allowed out of the workplace.
P264	Wash contaminated body parts thoroughly after handling.
P242	Use only non-sparking tools.
P240	Ground and bond container and receiving equipment.

**Precautionary Statements
(Response):**

P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P305 + P351 + P338	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or physician.

P303 + P361 + P353 IF ON SKIN (or hair): Remove or Take off immediately all contaminated clothing.

Rinse skin with water or shower.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P333 + P311 If skin irritation or rash occurs: Call a POISON CENTER or doctor/physician.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P391 Collect spillage.

P337 + P311 If eye irritation persists: Call a POISON CENTER or doctor/physician.

P370 + P378 In case of fire: Use foam or dry powder for extinction.

Precautionary Statements (Storage): P403 + P235 Store in a well-ventilated place. Keep cool.

P233 Keep container tightly closed.

P405 Store locked up.

Precautionary Statements (Disposal): P501 Dispose of contents/container to hazardous or special waste collection point.

SECTION 3. FIRST AID MEASURES

Description of first aid measures:

General advice: Immediately remove contaminated clothing.

If inhaled: If difficulties occur after vapor/aerosol has been inhaled, remove to

fresh air and seek medical attention.

If on skin:

Wash affected areas thoroughly with soap and water. Seek medical attention.

If in eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

If swallowed:

Immediately rinse mouth and then drink plenty of water, do not induce vomiting, seek medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

SECTION 4. FIREFIGHTING MEASURES

Extinguishing media:

Suitable extinguishing media: Dry powder, foam

Special hazards arising from the substance or mixture

Hazards during fire-fighting:
harmful vapors
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Advice for fire-fighters:

Protective equipment for fire-fighting:
Wear a self-contained breathing apparatus.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

SECTION 5. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Use personal protective clothing. Breathing protection required.
Can release flammable vapors. Wind direction should be noted.
Avoid all sources of ignition: heat, sparks, open flame. Use antistatic tools.

Environmental precautions:

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up:

For large amounts: Pump off product.
For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

SECTION 6. HANDLING AND STORAGE**Precautions for safe handling:**

Ensure thorough ventilation of stores and work areas.
Protection against fire and explosion:
Sources of ignition should be kept well clear. Take precautionary measures against static discharges. If delivered in plastic packing, highest permissible emptying temperature is 5 Kelvin below the flash point.

Conditions for safe storage, including any incompatibilities:

Further information on storage conditions: Keep container tightly closed and in a cool place.

SECTION 7. EXPOSURE CONTROLS/PERSONAL PROTECTION**Advice on system design:**

Provide local exhaust ventilation to control vapors/mists.

**Personal protective equipment
Respiratory protection:**

Wear a NIOSH-certified (or equivalent) organic vapor/particulate respirator.

Hand protection:

Chemical resistant protective gloves.

Eye protection:

Tightly fitting safety goggles (chemical goggles) and face shield.

Body protection:

Impermeable protective clothing

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

SECTION 8. PHYSICAL AND CHEMICAL PROPERTIES**Form:**

Liquid

Odor:

characteristic

Odor threshold:

No applicable information available.

Color:

Clear liquid

pH value:

not applicable

Freezing point:

not determined

Boiling point:

100 °C

Flash point:	60 °C
Flammability:	Flammable
Lower explosion limit:	0.7 %(V)
Upper explosion limit:	7.5 %(V)
Autoignition:	Not determined
Density:	0.9515 g/cm ³ (20 °C)
Vapor pressure:	: 5.0 hPa (20 °C)
Self-ignition temperature:	345 °C (not self-igniting)
Thermal decomposition:	Not determined
Viscosity, dynamic:	110 mPa.s (20 °C)
Solubility in water:	Soluble
Evaporation rate:	Not determined

SECTION 9. STABILITY AND REACTIVITY

Reactivity:	No hazardous reactions if stored and handled as prescribed/indicated. Corrosion to metals: No corrosive effect on metal. Oxidizing properties: not fire-propagating
Chemical stability:	The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions:	No hazardous reactions when stored and handled according to instructions. The product is chemically stable. The product is chemically stable.
Conditions to avoid:	See MSDS section 7 - Handling and storage.
Incompatible materials:	strong oxidizing agents, strong bases, strong acids

SECTION 10. DISPOSAL CONSIDERATIONS

Waste disposal of substance:	Dispose of in accordance with national, state and local regulations.
Container disposal:	Uncontaminated packaging can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

WARNING: Empty containers may still contain hazardous residue.

SECTION 11. TRANSPORT INFORMATION**Land transport**

TDG

Hazard class: 3
Packing group: III
ID number: UN 1866
Hazard label: 3, EHS
Proper shipping name: RESIN SOLUTION

Sea transport

IMDG

Hazard class: 3
Packing group: III
ID number: UN 1866
Hazard label: 3, EHS
Marine pollutant: YES
Proper shipping name: RESIN SOLUTION (contains SOLVENT NAPHTHA)

Air transport

IATA/ICAO

Hazard class: 3
Packing group: III
ID number: UN 1866
Hazard label: 3
Proper shipping name: RESIN SOLUTION

END OF DATA SHEET