

NAC-DS-1080 Safety Data Sheet

Wetting and Dispersing Additive (Solvent Based)

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

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| Product identifier used on the label: | NAC-DS-1080 |
| 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:

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| Flam. Liq. | 3 | Non-flammable liquids. |
| Eye Dam./Irrit | 2A | Serious eye damage/eye irritation |
| Skin Corr./Irrit. | 2 | Skin corrosion/irritation |
| Resp. Sens. | 1 | Respiratory sensitization |
| Skin Sens. | 1 | Skin sensitization. |
| STOT SE | 3 | Vapors may cause Specific target organ toxicity—single exposure |
| 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.

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| 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):**

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| 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. |
| P243 | Take action to prevent static discharges. |
| 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 with plenty of water and soap thoroughly after handling. |
| P242 | Use only non-sparking tools. |
| P240 | Ground and bond container and receiving equipment. |

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| Precautionary Statements (Response): | P312 | Call a POISON CENTER or doctor/physician if you feel unwell. |
| | P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| | 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:

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| 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

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| 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

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| Odor: | characteristic |
| Odor threshold: | No applicable information available. |
| Color: | Yellow |
| pH value: | not applicable |
| Freezing point: | not determined |
| Boiling point: | 260 °C |
| Flash point: | 150 °C |
| Flammability: | Non-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

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| 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