

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : NOPCALL D-5180
SUPPLIER
NAME : SAN NOPCO LIMITED
ADDRESS : 31-1, Shinpomachi, Tokai-city, Aichi Pref. 476-0005 JAPAN
DEPARTMENT : Quality Assurance Dept.
TELEPHONE NUMBER (INFORMATION) : +81-3-3500-3501 (Tokyo Sales Dept.)
+81-75-541-4380 (Osaka Sales Dept.)
FAX NUMBER (INFORMATION) : +81-52-604-0149
EMERGENCY TELEPHONE NUMBER : +81-52-604-0182
RECOMMENDED USES: Dispersant for Industry
SDS No. : 623770003

2. HAZARD IDENTIFICATION (Follow all regulation in your country.)

GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

PHYSICAL HAZARDS

FLAMMABLE LIQUID : No classification

HEALTH HAZARDS

ACUTE TOXICITY (ORAL) : Classification not possible

ACUTE TOXICITY (SKIN) : Classification not possible

ACUTE TOXICITY (INHALATION: GAS) : No classification

ACUTE TOXICITY (INHALATION: VAPOR) : Classification not possible

ACUTE TOXICITY (INHALATION: DUST, MIST) : Classification not possible

SKIN CORROSION / IRRITATION : Category 2

SERIOUS EYE DAMAGES / EYE IRRITATION : Category 2A

RESPIRATORY SENSITIZATION : Classification not possible

SKIN SENSITIZATION : Category 1

GERM CELL MUTAGENICITY : Classification not possible

CARCINOGENICITY : Classification not possible

REPRODUCTIVE TOXICITY : Classification not possible

SPECIFIC TARGET ORGAN TOXICITY;
SINGLE EXPOSURE : Classification not possible

SPECIFIC TARGET ORGAN TOXICITY;
REPEATED EXPOSURE : Classification not possible

ASPIRATION HAZARD : Classification not possible

ENVIRONMENTAL HAZARDS

SHORT-TERM (ACUTE) AQUATIC HAZARDS : Classification not possible

LONG-TERM (CHRONIC) AQUATIC HAZARDS : Classification not possible

HAZARDOUS TO THE OZONE LAYER : Classification not possible

GHS LABEL ELEMENTS INCLUDING PRECAUTIONARY STATEMENTS

SYMBOL



SIGNAL WORD

Warning

- Causes skin irritation.
- Causes serious eye damage.
- May cause allergic skin reaction.

PRECAUTIONARY STATEMENTS

[PREVENTION]

- Do not handle until "SAFETY DATA SHEETS" has been read and understood well.
- Avoid inhaling, swallowing, contact with eyes and skin. Wear safety glasses, gloves and face protection.

[RESPONSE]

- Wash hands and face thoroughly and rinse mouth after handling.
- IF SWALLOWED : Rinse mouth. Do NOT induce vomiting.
- IF INHALED : Remove to fresh air and keep at rest in a position comfortable for breathing.
- IF ON SKIN : Wash with plenty of soap and water.
- IF IN EYES : Rinse cautiously for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
- IF EXPOSED OR CONCERNED : Get medical advice/attention.

[STORAGE]

[DISPOSAL]

- Keep container tightly closed and store in a well-ventilated place.
- Dispose of contents/container in accordance with national and regional regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS (The contents are representative values.)

SUBSTANCE/MIXTURE : Mixture

CHEMICAL NAME : Mixture of modified polymeric carboxylic acid amine salt, nonionic surfactant, water, etc.

COMPONENTS AND CONTENTS

: Trade secret

COMPONENTS WHICH CONTRIBUTE TO THE CLASSIFICATION OF THE SUBSTANCE AND HAZARDOUS INGREDIENT (S) - JAPANESE REGULATION-

	Wt.%
: Diethanolamine	0.2%
Nonionic surfactant	-

4. FIRST AID MEASURES

- IF INHALED : ·Remove to fresh air and keep at rest in a position comfortable for breathing.
Get medical advice/attention, if you are experiencing respiratory symptoms.
- IF ON SKIN : ·Wash immediately with plenty of soap and water. Get medical advice/attention, if necessary.
- IF IN EYES : ·Rinse cautiously for 15 minutes or more. Get medical advice/attention immediately.
- IF SWALLOWED : ·After rinsing mouth immediately, give ca. 250ml of milk or water. Get medical advice/attention immediately. Do not induce vomiting.
·Do not give anything by mouth to the victim when not conscious.
·Vomiting is dangerous, because includes corrosive substance.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA : Carbon dioxide, dry chemical powder, foam, water fog

UNSUITABLE EXTINGUISHING MEDIA : Water jet

SPECIFIC EXTINGUISHMENT METHOD

- : ·Eliminate all ignition sources, and use suitable extinguishing media.
- Spray water on the surrounding equipment for cooling.

SPECIAL PROTECTIVE ACTION FOR FIRE- FIGHTERS

- : ·Extinguish from the windward to prevent poisonous gas from being inhaled.
- Appropriate protective equipment (gloves, glasses, and mask) must be worn.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

- : ·Wear appropriate protective equipment (impervious protection gloves, safety goggle, e
- The spilled area is slippery.

ENVIRONMENTAL PRECAUTIONS

- : ·Do not allow spillage out into the environment causing pollution e.g., rivers, waterways

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

- : ·Contain spillage by making on embankment of earth, sand, etc., and collect into container(s) by shoveling or vacuuming.
- In case of small spillage, absorb with sand, sawdust, etc.
- In case of very small spillage, wipe clean with the rag, etc.

7. HANDLING AND STORAGE

HANDLING

TECHNICAL MEASURES

- : ·Handle in a well-ventilated area. Wear safety goggle, impervious gloves and face protection, etc. Avoid direct contact.

PRECAUTIONS FOR SAFE HANDLING

- Set local exhaust or general ventilation of as described in chapter "8. EXPOSURE CONTROLS/PERSONAL PROTECTION".
- : ·Wash hands and face thoroughly and rinse mouth after handling.
- In case to wash work clothes, gloves, shoes, etc. contaminated with the product, avoid contact with clothes.

CONTACT AVOIDANCE

- : ·Avoid contact with strong oxidizing agents, etc.

STORAGE

CONDITIONS FOR SAFE STORAGE

- : ·Keep container tightly closed and store in a well-ventilated place.
- Desirable storing condition: 5-40°C.

PACKAGING MATERIAL

- : ·Store in original original containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

ACGIH : ACGIH TLV (TWA) : 1 mg/m³ (IFV) (SKIN) (Diethanolamine) (1)

APPROPRIATE ENGINEERING CONTROLS

- : ·Establish the adequate local exhauster if vapor, dust or mist occurs.
- Establish eye washing and body washing facilities near the work areas.

PERSONAL PROTECTIVE EQUIPMENT

- RESPIRATORY PROTECTION : ·Not required under normal conditions.
 HAND PROTECTION : ·Impervious gloves
 EYE/FACE PROTECTION : ·Safety goggle or face protection
 SKIN AND BODY PROTECTION : ·Appropriate protective equipment (e.g. impermeable gloves, protective boots, etc.)

9. PHYSICAL AND CHEMICAL PROPERTIES (representative values)

APPEARANCE (at 20°C)

- PHYSICAL STATE : Liquid
 COLOR : Pale yellow~Brown
 ODOR : Specific odor

MELTING POINT/FREEZING POINT

- : Below 0°C (32°F)(Freezing point)

BOILING POINT OR INITIAL BOILING POINT AND BOILING RANGE

- : 100°C(212°F) (water)

FLASH POINT : Not combustible (water of the product boils) (Cleveland Open Cup)

AUTO-IGNITION TEMPERATURE

- : No data

pH : 8.9(5%aq.)

KINEMATIC VISCOSITY : (Viscosity)30mPa·s(at 25°C)

SPECIFIC GRAVITY : 1.05(at 25°C)

SOLUBILITY

- WATER SOLUBILITY : Soluble

PARTITION COEFFICIENT N-OCTANOL/WATER (LOG VALUE)

VAPOUR PRESSURE : No data

DENSITY AND/OR RELATIVE DENSITY

- : No data

RELATIVE VAPOUR DENSITY

- : No data

10. STABILITY AND REACTIVITY

REACTIVITY : No data

CHEMICAL STABILITY : Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS

- : Reacts with strong oxidizing agents, etc.

CONDITION TO AVOID : No data

INCOMPATIBLE MATERIAL: Strong oxidizing agents, etc.

HAZARDOUS DECOMPOSITION PRODUCTS

- : No data

OTHERS : No data

11. TOXICOLOGICAL INFORMATION (DATA for this product or similar product.)

ACUTE TOXICITY [ORAL] : Classification not possible

No data

ACUTE TOXICITY [SKIN] : Classification not possible

No data

ACUTE TOXICITY [INHALATION: GAS] : No classification

Not classified by the GHS definition of gas.

ACUTE TOXICITY [INHALATION: VAPOR] : Classification not possible

No data

Date revised : June 16, 2025

ACUTE TOXICITY [INHALATION: DUST, MIST] No data	: Classification not possible	
SKIN CORROSION / IRRITATION [Diethanolamine] Category 2	: Category 2	(2)
[Nonionic surfactant] Category 2		(3)
SERIOUS EYE DAMAGE/EYE IRRITATION [Diethanolamine] Category 1	: Category 2A	(2)
[Nonionic surfactant] Category 2A		(3)
RESPIRATORY SENSITIZATION No data	: Classification not possible	
SKIN SENSITIZATION [Diethanolamine] Category 1A	: Category 1	(2)
GERM CELL MUTAGENICITY No data	: Classification not possible	
CARCINOGENICITY [Diethanolamine] Category 2	: Classification not possible	(2)
REPRODUCTIVE TOXICITY [Diethanolamine] Category 2	: Classification not possible	(2)
SPECIFIC TARGET ORGAN TOXICITY -SINGLE EXPOSURE No data	: Classification not possible	
SPECIFIC TARGET ORGAN TOXICITY -REPEATED EXPOSURE No data	: Classification not possible	
ASPIRATION HAZARD No data	: Classification not possible	

12. ECOLOGICAL INFORMATION (DATA for this product or similar product.)

SHORT-TERM (ACUTE) AQUATIC HAZARDS No data	: Classification not possible	
ECOTOXICITY : No data		
LONG-TERM (CHRONIC) AQUATIC HAZARDS No data	: Classification not possible	
PERSISTENCE AND DEGRADABILITY : No data		
BIOACCUMULATION POTENTIAL : No data		
MOBILITY IN SOIL : No data		
OTHER DATA : No data		
HAZARDOUS TO THE OZONE LAYER No data	: Classification not possible	

13. DISPOSAL CONSIDERATIONS

·Dispose of contents/container in accordance with national and regional regulations.

14. TRANSPORT INFORMATION

UN NUMBER	: Not applicable
PROPER SHIPPING NAME	: Not applicable
UN CLASS	: Not applicable
PACKING GROUP	: Not applicable
ENVIRONMENTAL HAZARDS	: -

INTERNATIONAL REGULATIONS

- LAND : Transport in accordance with national and regional regulations (RID, ADR, DOT, etc.).
- SEA : Transport in accordance with IMDG Code.
- AIR : Transport in accordance with ICAO-TI/IATA-DGR.

EMERGENCY RESPONSE GUIDELINE NUMBER : 171

15. REGULATORY INFORMATION

Regulatory information with regards to this substance in your country or in your region should be examined by your own responsibility.

16. OTHER INFORMATION

REFERENCES

- (1) TLVs and BEIs, ACGIH, 2021
- (2) Results of the GHS classification, National Institute of Technology and Evaluation (NITE)
- (3) SDS of supplier

* Use and waste as an aqueous solution without solidifying or drying.

* All specifications which were created based on the information which was available at the time and may be revised at anytime according to new information.

* To the best of our knowledge, the information contained herein is accurate. However, SAN NOPCO LIMITED assumes no liability whatsoever for the accuracy or completeness of the information contained herein. All materials may present unknown health hazards and should be used with caution. Final determination of suitability of any material is the sole responsibility of the user.

CONTACT AVOID,

COMPANY : SAN NOPCO LIMITED
DEPARTMENT : Sales Department