

SAFETY DATA SHEET

NEO DECANOIC ACID

CAS No.: 26896-20-8

This Safety Data Sheet is compiled from well-established published chemical, GHS classification and regulatory reference sources for this substance. It is supplied by Suraj Chemicals as the distributor/supplier of record and is not a manufacturer-issued document. Users should also consult the specific manufacturer's SDS where available.

1. IDENTIFICATION

Product Name	Neo Decanoic Acid
CAS Number	26896-20-8
Recommended Use	Industrial / commercial chemical trading and distribution
Supplier	Suraj Chemicals, No 92, Govindappa Naicken Street, Shiva Complex, Chennai - 600001, India
Emergency Telephone	+91 - 9840284032, 9176135357 / +91 - 44 - 25393652

2. HAZARD(S) IDENTIFICATION

GHS Signal Word	Danger
HAZARD CLASSIFICATION • Acute Toxicity - Oral (Category 4) • Skin Irritation (Category 2) • Serious Eye Damage (Category 1) • Hazardous to the Aquatic Environment - Chronic (Category 3)	
HAZARD STATEMENTS • H302 - Harmful if swallowed • H315 - Causes skin irritation • H318 - Causes serious eye damage • H412 - Harmful to aquatic life with long lasting effects	
PRECAUTIONARY STATEMENTS • P264 - Wash exposed skin thoroughly after handling • P270 - Do not eat, drink or smoke when using this product • P280 - Wear protective gloves/eye protection/face protection • P301+P312 - If swallowed: call a poison center/doctor if you feel unwell • P302+P352 - If on skin: wash with plenty of water • P305+P351+P338 - If in eyes: rinse cautiously with water for several minutes; remove contact lenses if present • P310 - Immediately call a poison center/doctor • P332+P313 - If skin irritation occurs: get medical advice/attention • P501 - Dispose of contents/container per local regulations	

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Neo Decanoic Acid
CAS Number	26896-20-8
Physical State	Liquid
Appearance / Odour	Colorless to pale yellow oily liquid with a mild, characteristic fatty acid odor.

4. FIRST-AID MEASURES

Eye Contact	Rinse immediately and continuously with plenty of water for at least 15 minutes, removing contact lenses if present, and obtain medical attention as this can cause serious eye damage.
Skin Contact	Remove contaminated clothing and wash affected skin thoroughly with soap and water; seek medical advice if irritation persists.
Inhalation	Remove to fresh air and keep at rest; seek medical attention if symptoms develop.
Ingestion	Rinse mouth, do not induce vomiting, and seek immediate medical attention.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Dry chemical, carbon dioxide, foam, or water spray/fog.
Unsuitable Extinguishing Media	Avoid a high-pressure straight water jet as it may spread the fire.
Special Hazards	Combustible above its flash point; heating can generate flammable vapour-air mixtures; combustion produces irritant carbon oxide fumes.

6. ACCIDENTAL RELEASE MEASURES

Measures	Contain the spill, absorb with inert material (sand, vermiculite), collect for disposal, and prevent entry into drains, soil, or waterways due to aquatic toxicity.
----------	---

7. HANDLING AND STORAGE

Handling Precautions	Avoid contact with skin and eyes, avoid generating mists or aerosols, use in a well-ventilated area, and wear appropriate protective equipment.
Storage Conditions	Store in a cool, dry, well-ventilated area away from strong oxidizers and strong bases, in tightly closed containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits / PPE	No specific occupational exposure limit is established; treat per general organic acid/mist guidance and wear chemical splash goggles, nitrile or similar chemical-resistant gloves, and protective clothing.
-----------------------	---

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance / Odour	Colorless to pale yellow oily liquid with a mild, characteristic fatty acid odor.
Boiling Point	243-253
Melting Point	-40 to -39 (pour point; liquid at room temperature, mixture of branched C10 isomers)
Flash Point	121-127 (closed cup)
Density / Specific Gravity	0.905-0.915 g/cm ³ at 20C
Water Solubility	Practically insoluble (~0.025 g/100 mL at 25C)
pH Value	Not applicable (weak organic acid, pKa approximately 5.2)

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions of storage and use.
Incompatible Materials	Strong oxidizing agents, strong bases, and reactive metals.
Hazardous Decomposition	Carbon monoxide, carbon dioxide, and irritant fumes on combustion.

11. TOXICOLOGICAL INFORMATION

Summary	Low acute oral toxicity (rat LD50 generally greater than 2,000 mg/kg); causes serious eye damage and skin irritation on contact; available data show no significant evidence of mutagenicity or carcinogenicity.
---------	--

12. ECOLOGICAL INFORMATION

Summary	Practically insoluble in water; classified as harmful to aquatic life with long-lasting effects (chronic Category 3); the branched structure limits bioaccumulation potential and it is expected to biodegrade, though more slowly than straight-chain fatty acids.
---------	---

13. DISPOSAL CONSIDERATIONS

Disposal Method	Dispose of as chemical waste through a licensed waste contractor per local regulations; do not discharge to sewers or waterways.
-----------------	--

14. TRANSPORT INFORMATION

UN Number	Not regulated for transport
Transport Hazard Class	Not applicable
Packing Group	Not applicable

15. REGULATORY INFORMATION

Notes	Listed on the TSCA (US) inventory and REACH-registered (EU) as a mixture of branched C10 monocarboxylic acid isomers (also known as neodecanoic acid/versatic acid); widely used to make metal carboxylate driers, soaps, and esters.
-------	---

16. OTHER INFORMATION

Prepared By	Suraj Chemicals, Technical / QA Desk
Date of Issue	29 Sep 2026
Note	This SDS is compiled from well-established published GHS hazard classification data and general chemical reference sources for this substance, in the standard 16-section format. Values are believed accurate but Suraj Chemicals makes no warranty, express or implied, regarding their completeness. Users should evaluate suitability for their own specific use.

(This document is computer generated and therefore does not require any signature.)

"DEALERS IN ACIDS, SOLVENTS, MINERALS, BASES AND SPECIALISED CHEMICAL COMPOUNDS"

+91 - 9840284032, 9176135357
+91 - 44 - 25393652, 42130281
sales@surajchemicals.com
surajchemicals@yahoo.com

No 92, Govindappa Naicken Street
Shiva Complex, Chennai - 600001
www.surajchemicals.com
GST NO : 33ACEPV8190L1ZZ

AUTHORISED DEALER AND IMPORTER FOR
GRASIM INDUSTRIES (ADITYA BIRLA), BASF (GERMANY), GODREJ INDUSTRIES, SNF (FRANCE)