

SAFETY DATA SHEET

PREVENTOL ON EXTRA PRESERVATIVE



Version	Revision Date:	SDS Number:	Date of last issue: 09/29/2020
1.1	01/17/2025	203000015121	Country / Language: US / EN

SECTION 1. IDENTIFICATION

Product name : PREVENTOL ON EXTRA PRESERVATIVE

Product code : 000000000056705647

EPA registration number : 39967-24

Manufacturer or supplier's details

Company : LANXESS Corporation
Product Safety & Regulatory Affairs
111 RIDC Park West Drive
Pittsburgh, Pennsylvania 15275-1112

Responsible Department : (800) LANXESS
(412) 809-1000
lanxesshes@lanxess.com

Emergency telephone : CHEMTREC (800) 424-9300 or
(703) 527-3887 (Outside U.S.A) and mention CCN12916.
Lanxess Emergency Phone (800) 410-3063.

Recommended use of the chemical and restrictions on use

Recommended use : Biocide for industrial application

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Self-heating chemicals	: Category 1
Acute toxicity (Oral)	: Category 4
Skin corrosion	: Category 1
Serious eye damage	: Category 1
Carcinogenicity	: Category 2
Specific target organ toxicity - single exposure	: Category 3 (Respiratory system)

GHS label elements

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Hazard pictograms

:



Signal Word

:

Danger

Hazard Statements

:

Self-heating; may catch fire.
Harmful if swallowed.
Causes severe skin burns and eye damage.
May cause respiratory irritation.
Suspected of causing cancer.

Precautionary Statements

:

Prevention:

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep cool. Protect from sunlight.
Do not breathe dust.
Wash skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.
IF exposed or concerned: Get medical advice/ attention.
Wash contaminated clothing before reuse.

Storage:

Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Maintain air gap between stacks/ pallets.
Store bulk masses greater than 1& 2& at temperatures not exceeding 40 °C/ 104 °F.
Store away from other materials.

Disposal:

Dispose of contents/ container to an approved waste disposal

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plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance

Components

Chemical name	CAS-No.	Concentration (% w/w)
Sodium o-phenylphenolate	132-27-4	$\geq 70 - < 90$
sodium hydroxide (Impurity)	1310-73-2	$\geq 1 - < 5$

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

SECTION 4. FIRST AID MEASURES

- If inhaled : If inhaled, remove to fresh air.
Get medical attention if symptoms occur.
- In case of skin contact : Get medical attention immediately.
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Continue to rinse for 30 minutes.
Chemical burns must be treated promptly by a physician.
Wash contaminated clothing before reuse.
- In case of eye contact : Get medical attention immediately.
In case of contact, flush eyes with plenty of water for at least 30 minutes. Use fingers to ensure that eyelids are separated and that the eye is being irrigated.
Remove contact lenses, if present and easy to do. Continue rinsing.
Chemical burns must be treated promptly by a physician.
- If swallowed : Rinse mouth with water.
Do not induce vomiting unless directed to do by medical personnel.
If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.
If unconscious, place in recovery position and get medical attention immediately.
Never give anything by mouth to an unconscious person.
Maintain open airway.

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Most important symptoms and effects, both acute and delayed

Symptoms	: Acute overexposure to this product may cause dizziness, headache, drowsiness, malaise, abdominal pain. Eye: Corrosive with symptoms of reddening, tearing, swelling, burning and possible permanent damage. Skin: Reddening, burning, and possible permanent damage. May cause respiratory tract irritation with symptoms of coughing, sore throat and runny nose. Adverse symptoms sometimes include the following: carcinogenic effects
Effects	: Harmful if swallowed. Causes serious eye damage. May cause respiratory irritation. Suspected of causing cancer. Causes severe burns. Harmful if swallowed. Causes serious eye damage. May cause respiratory irritation. Suspected of causing cancer. Causes severe burns.
Notes to physician	: Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	: In case of fire, use water spray (fog), foam, dry chemical or CO ₂ .
Unsuitable extinguishing media	: Do NOT use water jet.
Specific hazards during fire fighting	: Self-heating material Spontaneously flammable in air. May re-ignite after fire is extinguished Vapors may form explosive mixtures with air. Runoff to sewer may create fire or explosion hazard.
Hazardous combustion products	: No hazardous combustion products are known Carbon dioxide (CO ₂) Carbon monoxide Metal oxides Carbon dioxide (CO ₂) Carbon monoxide

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Metal oxides

- Further information : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.
No action shall be taken involving any personal risk or without suitable training.
Move containers from fire if this can be done without risk.
Use water spray to cool unopened containers.
If this is impossible, withdraw from area and allow fire to burn.
Fight fire from protected location or maximum possible distance.
- Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : No action shall be taken involving any personal risk or without suitable training.
Put on appropriate personal protection equipment.
Do not touch or walk through spilled material.
Evacuate unnecessary personnel.
Keep unnecessary and unprotected personnel from entering.
Provide adequate ventilation.
Do not breathe vapors, aerosols.
Remove all sources of ignition.
- Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Move containers from spill area.
Vacuum or sweep up material and place in a designated, labeled waste container.
Dispose of wastes in an approved waste disposal facility.
Do not allow spilled material or wash water to enter sewers, surface waters, or groundwater systems.
Contaminated absorbent material may pose the same hazard as the spilled product.
Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).
Use spark-proof tools and explosion-proof equipment.
Keep in suitable, closed containers for disposal.

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SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Avoid dust formation.
Provide appropriate exhaust ventilation at places where dust is formed.
Keep away from open flames, hot surfaces and sources of ignition.
Keep away from combustible material.
- Advice on safe handling : Remove contaminated clothing and protective equipment before entering eating areas.
Workers should wash hands and face before eating, drinking and smoking.
Put on appropriate personal protection equipment.
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.
Avoid inhalation, ingestion and contact with skin and eyes.
Use only with adequate ventilation.
Use non-sparking tools and equipment. Consult National Fire Protection Association (NFPA) 654 Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids for details on the safe handling and equipment design.
Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.
Avoid formation of respirable particles.
Do not breathe vapors/dust.
- Conditions for safe storage : Store in accordance with local regulations.
Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink.
Keep containers sealed until ready for use.
Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Do not store in unlabeled containers.
Use appropriate container to avoid environmental contamination.
Empty containers retain residue and can be dangerous.
Do not reuse container.
Store at room temperature.
Minimize dust generation and accumulation, especially on elevated surfaces (e.g., roof beams and trusses, ventilation ducts, wall sills). A dust layer just 1/32nd of an inch(0.793 mm) deep on elevated surfaces may create a dust cloud explosion hazard.
- Recommended storage temperature : 41 - 104 °F / 5 - 40 °C

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Further information on storage stability : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
sodium hydroxide	1310-73-2	C	2 mg/m ³	ACGIH
		TWA	2 mg/m ³	OSHA Z-1

Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Use explosion-proof ventilating equipment.

Personal protective equipment

Respiratory protection : The following respirator is recommended if airborne concentrations exceed the appropriate standard/guideline.
Effective dust mask

Hand protection

Material : Butyl rubber - IIR
Wearing time : < 60 min

Material : Nitrile rubber - NBR
Wearing time : < 60 min

Material : Polyvinyl chloride - PVC
Wearing time : < 60 min

Material : Polychloroprene - CR
Wearing time : < 60 min

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves. After contamination with product change the gloves immediately and dispose of them according to relevant national and local regulations

Eye protection : Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

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Skin and body protection	: Dust impervious protective suit Wear suitable protective clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place. Chemical resistant apron
Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: flakes
Physical state	: solid
Color	: colorless
Odor	: slight
Odor Threshold	: No data available
pH	: 11.1 - 11.8 Concentration: 2 %
Melting point/ range	: 127 - 140 °F / 53 - 60 °C Decomposition: Elimination of water of crystallization Method: Regulation (EC) No. 440/2008, Annex, A.1 Decomposes without melting.
Boiling point/boiling range	: No data available
Flash point	: No data available
Evaporation rate	: No data available
Self-ignition	: 1031 °F / 555 °C Autoignition temperature Method: UNRTDG Self-heating; may catch fire.
Burning number	: 3 (68 °F / 20 °C)

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Method: VDI 2263-1

Upper explosion limit / Upper flammability limit : No data available

Lower explosion limit / Lower flammability limit : No data available

Vapor pressure : 1.2 Pa (68 °F / 20 °C)
Method: OECD Test Guideline 104

Relative density : No data available

Density : 1.302 g/cm³ (68 °F / 20 °C)
Method: EU Method A.3

Bulk density : 400 - 450 kg/m³

Solubility(ies)
Water solubility : 0.53 mg/l (68 °F / 20 °C)
pH: 5

0.64 mg/l (68 °F / 20 °C)
pH: 9

Solubility in other solvents : No data available

Partition coefficient: n-octanol/water : No data available

Decomposition temperature : No data available

Viscosity
Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

Explosive properties : No data available

Oxidizing properties : No data available

Minimum explosible dust concentration : In the case of dusty organic products the possibility of a dust explosion should always be considered.

SECTION 10. STABILITY AND REACTIVITY

Reactivity : This product, by reaction with air and without energy supply, is liable to self-heat and will ignite when in large amounts and after long periods of time.

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The spontaneous ignition temperature will be $\leq 50^{\circ}\text{C}$ for a volume of 27 m³.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : Hazardous reactions or instability may occur under certain conditions of storage or use.
Conditions may include the following:
Extended contact with air in bulk storage
Reactions may include the following:
risk of causing fire

Conditions to avoid : Extremes of temperature and direct sunlight.
Heat, flames and sparks.

Incompatible materials : Oxidizing agents
Reducing agents

Hazardous decomposition products : No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Harmful if swallowed.

Product:

Acute oral toxicity : LD50 (Rat, female): 591 mg/kg
Method: OECD Test Guideline 401
Remarks: In analogy to test results for similarly composed products.

Components:

Sodium o-phenylphenolate:

Acute oral toxicity : LD50 (Rat, female): 591 mg/kg
Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 (Rat, male and female): > 5,000 mg/kg
Method: OECD Test Guideline 402
Remarks: Extrapolation according to Regulation (EC) No. 440/2008
Test results on an analogous substance/product.

Skin corrosion/irritation

Causes severe burns.

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Components:

Sodium o-phenylphenolate:

Species	:	Rabbit
Method	:	OECD Test Guideline 404
Result	:	Causes severe burns.

sodium hydroxide:

Species	:	Rabbit
Method	:	OECD Test Guideline 435
Result	:	Causes severe burns.
GLP	:	No

Serious eye damage/eye irritation

Causes serious eye damage.

Components:

Sodium o-phenylphenolate:

Species	:	Rabbit
Result	:	Risk of serious damage to eyes.
Method	:	OECD Test Guideline 405

sodium hydroxide:

Species	:	Rabbit
Result	:	Risk of serious damage to eyes.
Method	:	OECD Test Guideline 405

Respiratory or skin sensitization

Skin sensitization

Not classified due to lack of data.

Respiratory sensitization

Not classified due to lack of data.

Components:

Sodium o-phenylphenolate:

Routes of exposure	:	Skin contact
Species	:	Guinea pig
Method	:	OECD Test Guideline 406
Result	:	Did not cause sensitization on laboratory animals.

sodium hydroxide:

Species	:	Human
Assessment	:	Does not cause skin sensitization.

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GLP : No

Germ cell mutagenicity

Not classified due to lack of data.

Components:

Sodium o-phenylphenolate:

Genotoxicity in vitro : Test system: Bacteria
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: negative
Remarks: Test results on an analogous substance/product.

Test system: Mammalian-Animal
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 476
Result: negative
Remarks: Test results on an analogous substance/product.

Genotoxicity in vivo : Species: Mouse (male)
Application Route: Oral
Method: OECD 489
Result: negative
Remarks: Test results on an analogous substance/product.

Test Type: Micronucleus test
Species: Rat (male)
Application Route: Oral
Method: OECD Test Guideline 474
Result: negative
Remarks: Test results on an analogous substance/product.

sodium hydroxide:

Genotoxicity in vitro : Test Type: Ames test
Test system: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: negative

Genotoxicity in vivo : Test Type: Micronucleus test
Species: Mouse
Application Route: Intraperitoneal
Method: OECD Test Guideline 474
Result: negative

Carcinogenicity

Suspected of causing cancer.

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Components:

Sodium o-phenylphenolate:

Species : Rat, male
Application Route : Oral
Exposure time : 2 Years
Dose : 200 mg/kg body weight
Method : OECD Test Guideline 453
Result : negative
Remarks : Test results on an analogous substance/product.

Species : Rat, female
Application Route : Oral
Exposure time : 2 Years
Dose : ≥ 647 mg/kg body weight
Method : OECD Test Guideline 453
Result : negative
Remarks : Test results on an analogous substance/product.

IARC Group 2B: Possibly carcinogenic to humans
Sodium o-phenylphenolate 132-27-4

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified due to lack of data.

Components:

Sodium o-phenylphenolate:

Effects on fertility : Species: Rat, male and female
Application Route: Oral
Duration of Single Treatment: 25 Weeks
Fertility: NOAEL: ≥ 500 mg/kg body weight
Method: OECD Test Guideline 416
Result: No effects on fertility and early embryonic development were detected.
GLP: Yes
Remarks: Test results on an analogous substance/product.

Effects on fetal development : Species: Rat
Application Route: Oral
Duration of Single Treatment: 28 Days
Developmental Toxicity: NOAEL: 250 mg/kg body weight
Method: OECD Test Guideline 414

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Remarks: Test results on an analogous substance/product.

STOT-single exposure

May cause respiratory irritation.

Product:

Assessment : The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.

STOT-repeated exposure

Not classified due to lack of data.

Repeated dose toxicity

Components:

Sodium o-phenylphenolate:

Species : Rat, male and female
NOAEL : ≥ 300 mg/kg
Application Route : Oral
Exposure time : 2 yr
Number of exposures : daily
Method : OECD Test Guideline 453
Remarks : Test results on an analogous substance/product.

Species : Rat, male and female
NOAEL : ≥ 1000 mg/kg
Application Route : Dermal
Exposure time : 21 Days
Number of exposures : 5 days/week
Method : OECD Test Guideline 410
Remarks : Test results on an analogous substance/product.

Aspiration toxicity

Not classified due to lack of data.

Further information

Product:

Remarks : No data available

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SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Components:****Sodium o-phenylphenolate:**

- | | | |
|--|---|--|
| Toxicity to fish | : | LC50 (Oncorhynchus mykiss (rainbow trout)): 2.6 mg/l
Exposure time: 96 h
Method: OPPTS 850.1075
Remarks: Fresh water |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia magna (Water flea)): 2.7 mg/l
Exposure time: 48 h
Method: ASTM E729
Remarks: Fresh water
Test results on an analogous substance/product. |
| Toxicity to algae/aquatic plants | : | ErC50 (Pseudokirchneriella subcapitata (microalgae)): 3.57 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
Remarks: Fresh water
Test results on an analogous substance/product.

NOEC (Pseudokirchneriella subcapitata (microalgae)): 0.468 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
Remarks: Fresh water
Test results on an analogous substance/product. |
| Toxicity to fish (Chronic toxicity) | : | NOEC (Pimephales promelas (fathead minnow)): 0.036 mg/l
Exposure time: 21 Days
Remarks: Fresh water
Test results on an analogous substance/product. |
| Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | : | NOEC (Daphnia magna (Water flea)): 0.006 mg/l
Exposure time: 21 Days
Method: OECD Test Guideline 211
Remarks: Fresh water
Test results on an analogous substance/product. |
| Toxicity to microorganisms | : | EC10 (activated sludge): 31 mg/l
Exposure time: 3 h
Method: ISO 8192
Remarks: Test results on an analogous substance/product. |

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sodium hydroxide:

Toxicity to fish : LC50 (Trout): 45.4 mg/l
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 100 mg/l
aquatic invertebrates Exposure time: 48 h

Ecotoxicology Assessment

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

Persistence and degradability

Components:

Sodium o-phenylphenolate:

Biodegradability : aerobic
Result: Readily biodegradable.
Biodegradation: 70.8 - 75.7 %
Exposure time: 28 d
Method: OECD Test Guideline 301B
Remarks: Test results on an analogous substance/product.

sodium hydroxide:

Biodegradability : Remarks: The methods for determining biodegradability are not applicable to inorganic substances.

Bioaccumulative potential

Components:

Sodium o-phenylphenolate:

Partition coefficient: n- : log Pow: 3.18
octanol/water Method: OECD Test Guideline 107
Remarks: Test results on an analogous substance/product.

Mobility in soil

No data available

Other adverse effects

No data available

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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

RCRA - Resource Conservation and Recovery Authorization Act : When discarded in its purchased form, this product meets the criteria of ignitability, and should be managed as a hazardous waste (EPA Hazardous Waste Number D001). (40 CFR 261.20-24)

When discarded in its purchased form, this product meets the criteria of corrosivity, and should be managed as a hazardous waste (EPA Hazardous Waste Number D002). (40 CFR 261.20-24)

Waste Code : D001: Ignitability
D002: Corrosivity

Waste from residues : The generation of waste should be avoided or minimized wherever possible.
This material and its container must be disposed of in a safe way.
Empty containers retain product residue; observe all precautions for product.
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Waste disposal should be in accordance with existing federal, state, provincial and/or local environmental controls.

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

UN/ID No. : UN 3126
Proper shipping name : Self-heating solid, corrosive, organic, n.o.s.
(2-HYDROXYBIPHENYL SODIUM SALT)

Class : 4.2
Subsidiary risk : 8
Packing group : II
Labels : 4.2 8



Packing instruction (cargo aircraft) : 470 : 50.00 KG
Packing instruction (passenger aircraft) : 466 : 15.00 KG

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Environmentally hazardous : yes



IMDG-Code

UN number : UN 3126
UN proper shipping name : SELF-HEATING SOLID, CORROSIVE, ORGANIC, N.O.S.
(2-HYDROXYBIPHENYL SODIUM SALT)
Class : 4.2
Subsidiary risk : 8
Packing group : II
Labels : 4.2 8
:



EmS Code : F-A, S-J
Marine pollutant : yes



Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

49 CFR

UN/ID/NA number : UN 3126
Proper shipping name : Self-heating solid, corrosive, organic, n.o.s.
(2-HYDROXYBIPHENYL SODIUM SALT)
Class : 4.2
Packing group : II
Labels : 4.2 8
:



ERG Code : 136
Marine pollutant : yes(2-HYDROXYBIPHENYL SODIUM SALT)

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Hazard and Handling Notes.

Spontaneously combustible.

Corrosive.

Environmentally hazardous substance.

Keep dry.

Keep away from foodstuffs, acids and alkalis

The U.S. DOT regulations in Appendix B to 49 CFR § 172.101, paragraph 4 permit this material to ship as marine pollutant.

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet.

Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

CERCLA Reportable Quantity

A characteristic waste RQ of 100 lbs applies to this product in a waste form: D001, D002

CERCLA Reportable Quantity

Listed substances in the product are at low enough levels to not be expected to exceed the RQ

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Self-heating chemicals
Acute toxicity (any route of exposure)
Carcinogenicity
Skin corrosion or irritation
Serious eye damage or eye irritation
Specific target organ toxicity (single or repeated exposure)

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

Sodium o-phenylphenolate	132-27-4	>= 70 - < 90 %
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US State Regulations

Massachusetts Right To Know

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Sodium o-phenylphenolate	132-27-4	>= 70 - < 90
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Pennsylvania Right To Know

Sodium o-phenylphenolate	132-27-4	>= 70 - < 90
water	7732-18-5	> 1
sodium hydroxide	1310-73-2	>= 1 - < 5

California Prop. 65

WARNING: This product can expose you to chemicals including Sodium o-phenylphenolate, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

TSCA inventory

TSCA : This product is regulated under the United States Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

FIFRA information

EPA registration number : 39967-24

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

Signal Word : DANGER

Hazard Statements : Corrosive Causes irreversible eye damage and skin burns. Harmful if swallowed, in contact with skin or if inhaled. Do not get in eyes, on skin, or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

SECTION 16. OTHER INFORMATION

Further information

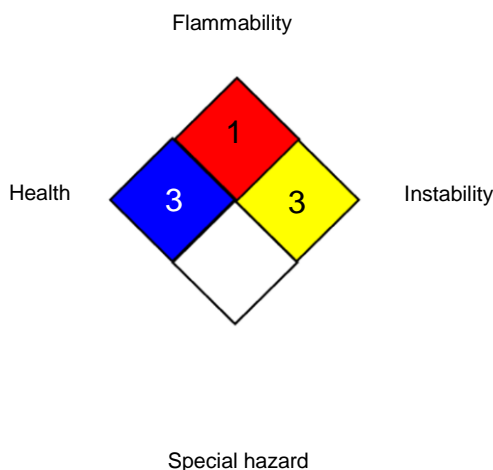
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NFPA 704:



HMIS® IV:

HEALTH	*	3
FLAMMABILITY		1
PHYSICAL HAZARD		2

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
OSHA Z-1	:	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
ACGIH / C	:	Ceiling limit
OSHA Z-1 / TWA	:	8-hour time weighted average

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumu-

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lative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECl - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 01/17/2025

The data contained in this Safety Data Sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered to be a guidance for processing and does not contain any warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. It is the responsibility of the recipient of the product to ensure that any proprietary rights and existing laws and legislation are observed.

Relevant changes from the previous version are marked on the left side of the Safety Data Sheet with a black double bar in appropriate places.