

Safety Data Sheet

Oakite 90

Revision date : 2018/01/18
Version: 1.1

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(30687390/SDU_GEN_US/EN)

1. Identification

Product identifier used on the label

Oakite 90

Recommended use of the chemical and restriction on use

Recommended use*: Detergents

* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:
Romanoff International Supply Corporation
9 DeForest St, Amityville NY, 11701 USA
1-631-842-2400

Emergency telephone number

CHEMTEL, ACCOUNT #MIS4594445 COLLECT CALLS ACCEPTED

USA, CANADA 1-800-255-3924 AUSTRALIA: 1-300-954-583 BRAZIL: 0-800-591-6042

CHINA: 400-120-0751 INDIA: 000-800-100-4086 MEXICO: 01-800-099-0731

ALL OTHER COUNTRIES: 1-813-248-0585

Other means of identification

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	powder
Colour	white
Odour	none
Hazard Summary	Causes severe burns. Harmful if swallowed.

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GHS Classification

Skin corrosion : Category 1A

Serious eye damage : Category 1

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : Causes severe skin burns and eye damage.

Precautionary statements : **Prevention:**
Do not breathe dust or mist.
Wash skin thoroughly after handling.
Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.
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.
Wash contaminated clothing before reuse.
Storage:
Store locked up.
Disposal:
Dispose of contents/ container to an approved waste disposal plant.

Potential Health Effects

Inhalation : no

Skin : yes

Ingestion : yes

Aggravated Medical Condition : None known.

Carcinogenicity:

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

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

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture :

Hazardous components

Component	CAS-No.	Weight percent
Sodium hydroxide	1310-73-2	50 - 70
Trade Secret Registry	735517-5148P	20 - 30
Trade Secret Registry	735517-5122P	10 - 20
Tetrasodium pyrophosphate	7722-88-5	10 - 20

Unidentified ingredients are considered not hazardous, or not required to be listed under Federal Hazard Communication Standard (29CFR 1910.1200).

Specific chemical identity of composition has been withheld as a trade secret.

Exact percentage of composition has been withheld as a trade secret.

SECTION 4. FIRST AID MEASURES

If inhaled	: Remove to fresh air. If symptoms persist, call a physician. If breathing is irregular or stopped, administer artificial respiration.
In case of skin contact	: Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and shoes immediately. Get medical attention immediately if irritation develops and persists
In case of eye contact	: Rinse immediately with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. Get medical attention immediately
If swallowed	: Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention immediately

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Dry chemical
Carbon dioxide (CO₂)

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Foam
Water spray

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Ensure adequate ventilation.
Avoid dust formation.
Material can create slippery conditions.

Methods and materials for containment and cleaning up : Ventilate area.
Avoid dust generation
Sweep up and remove immediately.
Keep in suitable, closed containers for disposal.
Flush with plenty of water.

Additional advice : Never return spills in original containers for re-use.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Add this product to surface of solution slowly to avoid spattering
Do not add large amounts of product to solution at any one time.
Do not add to hot water warmer than 43 degrees to 49 degrees C (110 degrees to 120 degrees F).
Never add liquids to product

Conditions for safe storage : Keep containers dry and tightly closed to avoid moisture absorption and contamination.
Store indoors in a cool, well-ventilated place
Protect from direct contact with water or excessive moisture.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Sodium hydroxide	1310-73-2	C	2.000000 mg/m3	ACGIH
		C	2.000000 mg/m3	NIOSH REL
		TWA	2.000000 mg/m3	OSHA Z-1
		C	2.000000 mg/m3	OSHA P0
		C	2.000000 mg/m3	CAL PEL
Tetrasodium pyrophosphate	7722-88-5	TWA	5.000000 mg/m3	NIOSH REL
		TWA	5.000000 mg/m3	OSHA P0
		PEL	5.000000 mg/m3	CAL PEL

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Personal protective equipment

- Respiratory protection : If the occupational exposure limits cannot be met, suitable respirator equipment shall be worn.
- Hand protection
Remarks : Impervious gloves
- Eye protection : Chemical resistant goggles must be worn.
- Skin and body protection : Rubber or plastic apron
- Hygiene measures : Avoid contact with skin, eyes and clothing.
Wear suitable gloves and eye/face protection.
Wear suitable protective clothing.
Wash hands before breaks and immediately after handling the product.
Provide adequate ventilation.
Avoid breathing dust or vapor.
Keep away from food and drink.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : powder
- Colour : white
- Odour : none
- pH : > 12.5, Concentration: 40.00000 g/l
- Freezing point : Not applicable
- Boiling point/boiling range : No data available
- Flash point :
does not flash
- Evaporation rate : Not applicable
- Upper explosion limit : Not applicable.
- Lower explosion limit : Not applicable.
- Vapour pressure : No data available
- Relative density : Not applicable
- Bulk density : 71.81 lb/ft³
- Solubility(ies)
- Water solubility : 60.00000 g/l (21 °C)
- Partition coefficient:
n-octanol/water : No data available
- Auto-ignition temperature : No data available
- Thermal decomposition : No data available
- Viscosity, dynamic : No data available

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SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid	: Exposure to moisture
Incompatible materials	: Acids
Hazardous decomposition products	: Oxides of phosphorus Hydrogen, by reaction with metals Carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity	: Acute toxicity estimate : 2,431.000000 mg/kg Method: Calculation method
Acute inhalation toxicity	: Acute toxicity estimate : > 10.000000 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Calculation method
Acute dermal toxicity	: Acute toxicity estimate : 2,689.000000 mg/kg Method: Calculation method

Components:

Sodium hydroxide:

Acute oral toxicity	: LD50 Mouse: 6,600.000000 mg/kg LD50 Rat: 4,090.000000 mg/kg
Acute inhalation toxicity	: LC50 Mouse: 1,200.000000 mg/l Exposure time: 2 h Test atmosphere: dust/mist LC50 Rat: 2,300.000000 mg/l Exposure time: 2 h Test atmosphere: dust/mist
Acute dermal toxicity	: LD50 Rabbit: 1,350.000000 mg/kg

Trade Secret Registry:

Acute oral toxicity	: LD50 Rat: 1,153.000000 mg/kg LD50 Mouse: 770.000000 mg/kg
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Trade Secret Registry:

Acute oral toxicity : LD50 Rat: 4,090.000000 mg/kg

LD50 Mouse: 6,600.000000 mg/kg

Acute inhalation toxicity : LC50 Rat: 2.300000 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

LC50 Mouse: 1.200000 mg/l
Exposure time: 2 h
Test atmosphere: dust/mist

Tetrasodium pyrophosphate:

Acute oral toxicity : LD50 Mouse: 2,980.000000 mg/kg

LD50 Rat: 4,000.000000 mg/kg

Acute dermal toxicity : LD50 Rabbit: > 7,940.000000 mg/kg

Skin corrosion/irritation

Components:

Sodium hydroxide:

Result: Corrosive

Trade Secret Registry:

Result: Corrosive after 1 to 4 hours of exposure

Serious eye damage/eye irritation

Components:

Sodium hydroxide:

Result: Corrosive

Classification: Corrosive

Trade Secret Registry:

Result: Corrosive

Tetrasodium pyrophosphate:

Result: Corrosive

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

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No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Aspiration toxicity

No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Bioaccumulative potential

Product:

Partition coefficient: : Remarks: No data available

n-octanol/water

Other adverse effects

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Refer to all federal, provincial, state and local regulation prior to disposition of container and unused contents by reuse, recycle or disposal.

SECTION 14. TRANSPORT INFORMATION

International Regulations

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

Not applicable for product as supplied.

National Regulations

SECTION 15. REGULATORY INFORMATION

TSCA Status : All components of this material comply with US TSCA requirements.

OSHA Hazards : Combustible dust, Toxic by inhalation., Harmful by ingestion., Harmful by skin absorption, Corrosive to skin

WHMIS Classification : E: Corrosive Material
D2B: Toxic Material Causing Other Toxic Effects

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EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Sodium hydroxide	1310-73-2	1,000	1,992

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Massachusetts Right To Know

Sodium hydroxide	1310-73-2
Tetrasodium pyrophosphate	7722-88-5

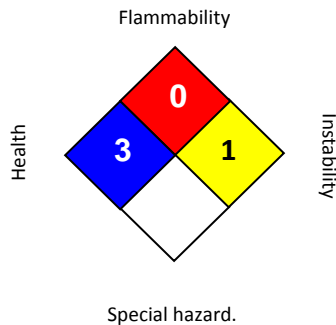
Pennsylvania Right To Know

Sodium hydroxide	1310-73-2
Trade Secret Registry	735517-5148P
Trade Secret Registry	735517-5122P
Tetrasodium pyrophosphate	7722-88-5

New Jersey Right To Know

Sodium hydroxide	1310-73-2
Trade Secret Registry	735517-5148P
Trade Secret Registry	735517-5122P
Tetrasodium pyrophosphate	7722-88-5

NFPA:



HMIS III:

HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	1

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Corrosive Acid

Safety Glasses, Gloves, Apron, Dust

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Respirator

SECTION 16. OTHER INFORMATION

Further information

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SDS Prepared by:

Chemetall (now part of BASF Group) NA Product Regulations
SDS Prepared on: 2018/01/18

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The content of this Safety Data Sheet (SDS) is based on an existing document from an acquired company with adaptations to Section I. The data is currently under validation.

END OF DATA SHEET