

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 09/22/2017

1 Identification

- **Product identifier**
- **Trade name:** OxNot Gel
- **Article number:** CleanWirx Gel
- **Recommended use and restriction on use**
- **Recommended use:** Surface Preparation for Mill Scale Removal, Welding, and Painting.
- **Restrictions on use:** Contact manufacturer.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**
Clean Metal Technologies LLC
127 Common Court
Houma LA 70360
(985)262-0688
- **Emergency telephone number:**
ChemTel Inc.
(800)255-3924, +1 (813)248-0585



2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 Health hazard

Resp.Sens.1H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.



GHS07

Eye Irrit. 2A H319 Causes serious eye irritation.
Skin Sens. 1 H317 May cause an allergic skin reaction.

- **Additional information:**

There are no other hazards not otherwise classified that have been identified.
0 percent of the mixture consists of ingredient(s) of unknown toxicity.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

disodium peroxodisulphate

- **Hazard statements**

H319 Causes serious eye irritation.

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 09/22/2017

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 May cause an allergic skin reaction.

• **Precautionary statements**

P284 In case of inadequate ventilation wear respiratory protection.

P261 Avoid breathing mist/vapors/spray.

P280 Wear protective gloves and eye protection.

P264 Wash thoroughly after handling.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P342+P311 If experiencing respiratory symptoms: Call a poison center/doctor.

P363 Wash contaminated clothing before reuse.

P304+P341 If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P302+P352 If on skin: Wash with plenty of water.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

• **Additional information:** Contains disodium peroxodisulphate. May produce an allergic reaction.

• **Hazard description:** May produce an allergic reaction.

• **WHMIS-symbols:** Not hazardous under WHMIS.

• **Classification system:**

• **NFPA ratings (scale 0 - 4)**



Health = 2

Fire = 0

Reactivity = 0

• **HMIS-ratings (scale 0 - 4)**



Health = 2

Fire = 0

Reactivity = 0

* - Indicates a long term health hazard from repeated or prolonged exposures. •

Other hazards

• **Results of PBT and vPvB assessment** •

PBT: Not applicable.

• **vPvB:** Not applicable.

3 Composition/information on ingredients

• **Chemical characterization: Mixtures**

• **Description:** Mixture of the substances listed below with nonhazardous additions.

Safety Data Sheet

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Reviewed on 09/22/2017

· Dangerous components:

	organic acid	10-20%
	⚠ Eye Irrit. 2A, H319	
7775-27-1	disodium peroxodisulphate	<1.0%
	⚠ Ox. Sol. 2, H272	
	⚠ Resp. Sens. 1, H334	
	⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335	

· Additional information:

For the listed ingredients, the identity and exact percentages are being withheld as a trade secret.

4 First-aid measures

- **Description of first aid measures**
- **General information:** Take affected persons out into the fresh air.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; immediately call for medical help.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
Breathing difficulty
Allergic reactions
Irritant to eyes.
Causes mild skin irritation.
Gastric or intestinal disorders when ingested.
- **Danger** Danger of impaired breathing.
- **Indication of any immediate medical attention and special treatment needed**
Severe allergic skin reaction, bronchial spasms and anaphylactic shock are possible.
Medical supervision for at least 48 hours.
If necessary oxygen respiration treatment.
Treat skin and mucous membrane with antihistamine and corticoid preparations.
Contains disodium peroxodisulphate. May produce an allergic reaction.
In cases of irritation to the lungs, initial treatment with corticoid steroid inhalants.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** None.

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 09/22/2017

- **Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire. •

Advice for firefighters

- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.
- **Additional information** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation. In case of inadequate ventilation wear respiratory protection.
For large spills, wear protective clothing.
For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.
Isolate area and prevent access to waterways. Dilute according to manufacturer's instructions before disposal and test runoff before allowing to reach bodies of water or drainage ditch in order to verify compliance with local, State and Federal standards for disposal into sewer or drainage.
- **Environmental precautions:** No special measures required.
- **Methods and material for containment and cleaning up:**
Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).
Dispose contaminated material as waste according to item 13.
Send for recovery or disposal in suitable receptacles.
Clean the affected area carefully; suitable cleaners are: Warm water.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Use only in well ventilated areas. In case of inadequate ventilation wear respiratory protection.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Provide adequate air circulation around receptacles.
Avoid storage near extreme heat, ignition sources or open flame.
- **Information about storage in one common storage facility:**
Not for human consumption. Keep out of reach of children.
Do not store together with alkalis (caustic solutions).
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 09/22/2017

· Components with limit values that require monitoring at the workplace:

7775-27-1 disodium peroxodisulphate

TLV (USA)	Long-term value: 0.1 mg/m ³ as Persulfates
EV (Canada)	Long-term value: 0.1 mg/m ³

8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· Control parameters

· **Additional information:** The lists that were valid during the creation were used as basis.

· Exposure controls

· Personal protective equipment:

· General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

Not for human consumption. Keep out of reach of children.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

· **Engineering controls:** No further relevant information available.

· Breathing equipment:

Use suitable respiratory protective device where aerosol or mist forms or high concentrations present.

· Recommended: NIOSH approved non-powered half mask air purifying respirator with organic vapor filters. Minimum: NIOSH approved N-95 filtering facepiece respirator, organic vapor type. ·

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time should be supplied by the protective gloves manufacturer and must be observed.

· Eye protection:



Safety glasses

· **Body protection:** Protective work clothing

· **Limitation and supervision of exposure into the environment** No further relevant information available.

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 09/22/2017

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information · Appearance:**

Form: Gel liquid. **Color:** Translucent

- **Odor:** Light

- **Odor threshold:** Not determined.

- **pH-value at 20 °C (68 °F):** 2.5

- **Change in condition**

Melting point/Melting range: <0 °C (<32 °F) **Boiling**

point/Boiling range: >100 °C (>212 °F)

- **Flash point:** Not applicable.

- **Flammability (solid, gaseous):** Not applicable.

- **Auto-ignition temperature:** Not determined.

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not self-igniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Explosion limits:**

Lower: Not determined.

Upper: Not determined.

- **Oxidizing properties** Contains oxidizing agent.

- **Vapor pressure at 20 °C (68 °F):** 23 hPa (17 mm Hg)

- **Density at 20 °C (68 °F):** 1.1 g/cm³ (9.18 lbs/gal) · **Relative density** Not determined. · **Vapour density** Not

determined. · **Evaporation rate** Not determined.

- **Solubility in / Miscibility with**

Water: Easily soluble.

- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity:**

Dynamic: Not determined. **Kinematic:** Not determined.

- **Other information** No further relevant information available.

Safety Data Sheet

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Reviewed on 09/22/2017

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions**
Reacts with alkali (lyes).
Toxic fumes may be released if heated above the decomposition point.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**
Under fire conditions only:
Carbon monoxide and carbon dioxide
Possible in traces:
Sulfur oxides (SOx)

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** None.
- **Primary irritant effect:**
- **on the skin:** Causes mild skin irritation.
- **on the eye:** Irritating effect.
- **Sensitization:** May cause sensitization by inhalation and skin contact.
- **Subacute to chronic toxicity:** No further relevant information available.
- **Additional toxicological information:** Toxic and/or corrosive effects may be delayed up to 24 hours.

- **Carcinogenic categories**

· NTP (National Toxicology Program)
None of the ingredients is listed.
· OSHA-Ca (Occupational Safety & Health Administration)
None of the ingredients is listed.

- **Probable Routes of Exposure**

Inhalation.

Ingestion.

Eye contact.

Skin contact.

- **Acute effects (acute toxicity, irritation and corrosivity):**

May cause sensitization by inhalation and skin contact.

Irritating to eyes.

- **Repeated Dose Toxicity:**

May cause damage to organs through prolonged or repeated exposure.

Repeated exposures may result in skin and/or respiratory sensitivity.

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Reviewed on 09/22/2017

12 Ecological information

- **Toxicity**

Diluted (usage) form toxicology information will vary according to residuals from cleaned substrate and contaminants added during cleaning process

- **Aquatic toxicity:** No further relevant information available.

- **Persistence and degradability** No further relevant information available.

- **Behavior in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:** Concentrate must not reach bodies of water or drainage ditch undiluted or unneutralized. Dilute according to manufacturer's instructions before disposal and test runoff before allowing to reach bodies of water or drainage ditch in order to verify compliance with local, State and Federal standards for disposal into sewer or drainage.

- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**

- **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.

- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **UN-Number**

- **DOT, ADR, ADN, IMDG, IATA**

Not Regulated

- **UN proper shipping name**

- **DOT, ADR, ADN, IMDG, IATA**

Not Regulated

- **Transport hazard class(es)**

- **DOT, ADR, ADN, IMDG, IATA**

- **Class**

Not Regulated

- **Packing group**

- **DOT, ADR, IMDG, IATA**

Not Regulated

- **Environmental hazards:**

- **Marine pollutant:**

No

Safety Data Sheet
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- | | |
|--|--|
| <ul style="list-style-type: none">· Special precautions for user· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code· UN "Model Regulation": | <p>Not applicable.</p> <p>Not applicable.</p> <p>-</p> |
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Safety Data Sheet

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Reviewed on 09/22/2017

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- United States (USA)
- SARA

- **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

- **Proposition 65 (California)**

- **Chemicals known to cause cancer:**

None of the ingredients are listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Carcinogenic categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

- **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

- **State Right to Know Listings**

Contact manufacturer.

- **Canadian substance listings:**

- **Canadian Domestic Substances List (DSL)**

Contact manufacturer.

- **Canadian Ingredient Disclosure list (limit 0.1%)**

Contact manufacturer.

- **Canadian Ingredient Disclosure list (limit 1%)**

Contact manufacturer.

Safety Data Sheet
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Other regulations, limitations and prohibitive regulations

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. · **Date of**

preparation / last revision 04/01/2015 / · **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
WHMIS: Workplace Hazardous Materials Information System (Canada)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
Ox. Sol. 2: Oxidising Solids, Hazard Category 2
Acute Tox. 4: Acute toxicity, Hazard Category 4
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
Resp. Sens. 1: Sensitisation - Respirat., Hazard Category 1
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

Sources SDS Prepared by:

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