

# Oxo 1000

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION	
Manufacturer Sovereign Chemical Company 4040 Embassy Parkway, Suite 190 Akron, OH 44333	Emergency Contact Chemtrec: 1-800-424-9300 (USA) (1)330-542-8400 (outside USA)
Trade Name(s): Oxo 1000 Flake, Oxo 1000 Powder	Chemical Name: Polymeric phenol
Relevant identified uses of the substance or mixture and uses advised against: No further relevant information available.	Application of the substance/the preparation: Raw material for resins
Issued By: Sovereign Chemical Company According to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and GHS	Date of Issue: April 1, 2023

## 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture  
 Information in accordance with US 29 CFR 1910.1200 (Hazcom 2012) and Regulation (EC) No 1272/2008

Physical hazards: Not classified  
 Health hazards: Not classified  
 Environmental hazards: Combustible dust

Label elements

Hazard pictograms: None

Signal word: Warning

Hazard statements: May form combustible dust concentrations in air.

Precautionary statements

Prevention: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Prevent dust accumulation to minimize explosion hazard. Observe good industrial hygiene practices.

Response: IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Storage: Store away from incompatible materials.

Disposal: Dispose of contents/container in accordance with local regulation.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture (Proprietary)

Chemical Name	CAS No	EC No	Weight %	Classification
Polymeric Phenol	N/A	N/A	99-100%	N/A

The remaining unspecified ingredients are impurities and are not hazardous.

### 4. FIRST AID MEASURES

Description of first aid measures

General information: Immediately remove any clothing soiled by the product.

After inhalation

Supply fresh air; consult doctor in case of complaints.

In case of unconsciousness place patient stably inside position for transportation.

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; call for medical help immediately.

Most important symptoms and effects, both acute and delayed

Dust may irritate the respiratory tract, skin, and eyes.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>). Apply extinguishing media carefully to avoid creating airborne dust.

For safety reasons, unsuitable extinguishing agents: Water jet.

Special hazards arising from the substance or mixture

May form combustible dust concentrations in air.

Advice for firefighters

Protective equipment

Wear self-contained respiratory protective device.

Wear fully protective suit.  
 Additional information: No further relevant information available.

**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment, and emergency procedures  
 Wear protective equipment. Keep unprotected persons away.  
 Ensure adequate ventilation

Environmental precautions: Do not allow to enter sewers/surface or ground water.

Methods and material for containment and cleaning up: Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area).

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**

Precautions for safe handling: Minimize dust generation. Any unavoidable deposit of dust must be regularly removed.

Information about fire and explosion protection: Dust can combine with air to form an explosive mixture.

Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: Avoid storage near extreme heat, ignition sources or open flame.

Information about storage in one common storage facility: Store away from foodstuffs.  
 Further information about storage conditions: Store in cool, dry conditions in well-sealed receptacles.

Specific end use(s): No further relevant information available.

**8. EXPOSURE CONTROLS - PERSONAL PROTECTION**

Control parameters

Dust	TWA	5mg/m3	Respirable fraction
Dust	TWA	15mg/m3	Total dust

DNELs No further relevant information available.  
 PNECs No further relevant information available.  
 Additional information: The lists valid during the making were used as basis.

Exposure controls  
 Personal protective equipment  
 General protective and hygienic measures

Keep away from foodstuffs, beverages, and feed.  
 Immediately remove all soiled and contaminated clothing  
 Wash hands before breaks and at the end of work.  
 Avoid contact with the eyes and skin.

**Respiratory protection**

Use suitable respiratory protective device in case of insufficient ventilation.

**Protection of hands**



Protective gloves

The glove material must 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.

Penetration time of glove material: The exact break through time must be found out by the manufacturer of the protective gloves and must be observed.

For the permanent contact gloves made of the following materials are suitable

- Chemical resistant gloves
- Strong material gloves

**Eye protection**



Safety glasses

Body protection: Protective work clothing

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

**Risk management measures**

See Section 7 for additional information.  
 No further relevant information available.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

9.1 Information on basic physical and chemical properties

General Information

Appearance Form: Solid. Color: Light yellow.	Change in Condition Melting Point/Melting Range: Undetermined. Boiling Point/Boiling Range: Undetermined.
Odor: Phenol-like.	Octanol/Water Partition Coefficient: Not determined.
Odor threshold: Not determined.	pH Value: Not applicable.
Vapor Pressure: Not applicable < 0.001 mm Hg at 20°C.	Flash point: 399.2 °F (204.0 °C) Seta flash Closed Cup
Density at 20 °C: 1.05 g/cm <sup>3</sup> .	Flammability (solid, gaseous): Product is not flammable.
Relative density: 1.05 at 25°C/25°C (water=1)	Ignition temperature: 460 °C.
Vapor Density: Not applicable.	Decomposition temperature: Not determined.
Evaporation rate Not applicable.	Self-igniting: Not determined.
Solubility in / Miscibility with water: < 0.1 % at 25°C	Danger of explosion: Product does not present an explosion hazard.

Viscosity Dynamic: Not applicable. Kinematic: Not applicable. Organic solvents: Not determined.	Explosion limits Lower: Not determined. Upper: Not determined.
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Other information: No further relevant information available.

## 10. STABILITY AND REACTIVITY

### Reactivity

Stable under normal conditions of use.

### Chemical stability

No decomposition if used and stored according to specifications.

### Possibility of hazardous reactions

Stable under normal conditions of use.

Conditions to avoid: Strong oxidizing agents. Keep away from heat, sparks, and open flame. Contact with incompatible materials. Minimize dust generation and accumulation.

Incompatible materials: Strong oxidizing agents.

### Hazardous decomposition products

Water

Irritant gases/vapors

Carbon monoxide and carbon dioxide

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

Acute toxicity: LD50, Rat, >7000 mg/kg

#### Primary irritant effect

Inhalation: Dust may irritate the respiratory system.

Skin Contact: No adverse effects.

Eye Contact: Irritant.

Indigestion: Irritant.

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

STOT- single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

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

## 12. ECOLOGICAL INFORMATION

### Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

### Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects: No further relevant information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

### Recommendation

Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

Recommendation: Disposal must be made according to official regulations.

## 14. TRANSPORTATION INFORMATION

### 14.1 UN-Number

DOT, ADR, ADN, IMDG, IATA                      N/A

### 14.2 UN proper shipping name

DOT, ADR, ADN, IMDG, IATA                      N/A

### 14.3 Transport hazard class(es)

DOT, ADR, ADN, IMDG, IATA Class              N/A

### 14.4 Packing group

DOT, ADR, IMDG, IATA                              N/A

### 14.5 Environmental hazards

Marine pollutant                                      No

14.6 Special precautions for user                      Not applicable.

14.7 Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code      Not applicable.  
 UN "Model Regulation"

**15. REGULATORY INFORMATION**

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

SARA Section 355 (extremely hazardous substances)	Substance is not listed.
SARA Section 313 (Specific toxic chemical listings)	Substance is not listed.
TSCA (Toxic Substances Control Act)	Substance is listed.
Proposition 65 (California)	
Chemicals known to cause cancer	Substance is not listed.
Chemicals known to cause reproductive toxicity for females	Substance is not listed.
Chemicals known to cause reproductive toxicity for males	Substance is not listed.
Chemicals known to cause developmental toxicity	Substance is not listed.
Carcinogenic Categories	
EPA (Environmental Protection Agency)	Substance is not listed.
IARC (International Agency for Research on Cancer)	Substance is not listed.
TLV (Threshold Limit Value established by ACGIH)	Substance is not listed.
NIOSH-Ca (National Institute for Occupational Safety and Health)	Substance is not listed.
OSHA-Ca (Occupational Safety & Health Administration)	Substance is not listed.
Canada	
Canadian Domestic Substances List (DSL)	Substance is not listed.
Canadian Ingredient Disclosure list (limit 0.1%)	Substance is not listed.
Canadian Ingredient Disclosure list (limit 1%)	Substance is not listed.

15.2 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.