

# SAFETY DATA SHEET

X-O CORPORATION

ISSUED 07-15-2015

## 1. Identification

### Product Identifiers

**XOXR** X-O Odor Neutralizer (Ready to Use); **XOPR** X-O Plus Odor Neutralizer and Cleaner; **XOXC** Concentrated X-O Odor Neutralizer; **XOPC** Concentrated X-O Plus Odor Neutralizer and Cleaner

### Product Code(s)

XOXR; XOPR; XOXC; XOPC

### Recommended use

Odor control and cleaning

### Recommended restrictions

None known

### Manufacturer Company name

X-O Corporation, 8311 Eastpoint Drive, Suite 100, Dallas, Texas 75227 United States of America

### Telephone

+1 214 388 5590 FAX +1 214 388 7140

### E-mail

Not available

### Emergency phone number

+1 800 442 9696

## 2. Hazard(s) identification

**Physical hazards** Not classified

**Health hazards** Not classified

**Environmental hazards** Not classified

**OSHA hazards** Not classified

### Label elements

**Hazard symbol** None

**Signal word** None

**Hazard Statement** None

### Precautionary statement

**Prevention** None

**Response** In case of fire – non flammable – use media proper to primary cause of fire.

**Storage** Store in a dry place

**Disposal** Dispose contents/container in accordance with local/regional/national/international regulations

### Hazard(s) not otherwise

**classified (HNOC)** None known

**Supplemental information** None

## 3. Composition/information on ingredients

### Substances

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS number</u>	<u>_____</u>	<u>%</u>
H2S	Water	7732-18-5	XOXR	97.90
			XOPR	98.90
			XOXC	95.80
			XOPC	92.28
Alkyl polyglycoside	Surfactant 50% Water 50%	110615-47-9 7732-18-5	XOXR	1.00
			XOPR	.50
			XOXC	2.00
			XOPC	3.50
Proprietary essential oil compound <b>HS</b> the specific chemical identity and/or percentage of Composition has been withheld as a trade secret.			XOXR	1.00
			XOPR	.50
			XOXC	2.00
			XOPC	3.50
Cetylpyridinium chloride	Quaternary ammonium compound	6004-24-6	XOXR	.10
			XOPR	.10
			XOXC	.20
			XOPC	.72

## 4. First-aid measures

<b>Inhalation</b>	No effects expected. If breathing is difficult remove to fresh air and look for primary cause of the breathing problem, keep in a rest position comfortable for breathing. Call a physician if symptoms develop or persist
<b>Skin contact</b>	No effects of exposure expected
<b>Eye Contact</b>	Rinse with water. Get medical attention if irritation develops or persists.
<b>Ingestion</b>	Rinse mouth with water.
<b>Most important Symptoms, acute and delayed</b>	Direct contact with eyes and ingestion may cause temporary irritation.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically.
<b>General information</b>	None

#### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Non-flammable – use extinguishing media suited to the source of the fire.
<b>Unsuitable extinguishing media</b>	Non-flammable - use extinguishing media suited to the source of the fire.
<b>Specific hazards arising from the chemical</b>	Non-hazardous
<b>Special protective equipment and precautions for fire fighters</b>	None except that necessary for the primary cause of the fire.
<b>Fire fighting equipment/instructions</b>	Those necessary for the primary cause of the fire.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	Non-combustible liquid.

#### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	None necessary.
<b>Methods and materials for containment and clean up</b>	Mop bucket
<b>Environmental procedures</b>	No procedures specified.

#### 7. Handling and storage

<b>Precautions for safe handling</b>	Observe standard safety handling precautions. Non-toxic.
<b>Conditions for safe storage including and incompatibilities</b>	Indoor storage in a dry place.

#### 8. Exposure controls/personal protection

<b>Occupational exposure limits</b>	No exposure limits for ingredients.
<b>Biological limit values</b>	No biological exposure limits noted for ingredients.
<b>Appropriate engineering controls</b>	No engineering controls noted.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Wear goggles
<b>Skin protection</b>	No protection noted.
<b>Thermal hazard</b>	None noted.
<b>General hygiene Considerations</b>	Observe good personal hygiene.

#### 9. Physical and chemical properties

##### Appearance

<b>Physical state</b>	Liquid
<b>Form</b>	Liquid
<b>Color</b>	Clear to cloudy
<b>Odor</b>	Floral
<b>Odor threshold</b>	Not available
<b>pH</b>	Mid range
<b>Melting point/freezing point</b>	32.0 F
<b>Initial boiling point and Boiling range</b>	Not available
<b>Flash point</b>	Not available
<b>Evaporative rate</b>	Not available
<b>Flammability (solid gas)</b>	Non-flammable
<b>Upper/flammability or exposure limits</b>	
<b>Flammability limit-lower (%)</b>	Not available
<b>Flammability limit-upper (%)</b>	Not available
<b>Exposure limit-lower (%)</b>	Not available
<b>Exposure limit-upper (%)</b>	Not available
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Relative density</b>	Not available
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Soluble
<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>Auto-ignition temperature</b>	Not available
<b>Decomposition temperature</b>	Not available
<b>Viscosity</b>	Not available
<b>Other information</b>	
<b>Molecular formula</b>	Not available
<b>Molecular weight</b>	Not available
<b>Specific gravity</b>	Not available
<b>VOC (weight)</b>	Not available

## 10. Stability and reactivity

<b>Reactivity</b>	Stable and non-reactive under normal conditions of use, storage and transport
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of hazardous Reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Avoid deodorizing enclosed environment where flammable/explosive (natural gas, LPG methane, petroleum fuels) toxic and carcinogenic substances are, or could be present. Do not use X-O products with toxic or dangerous substances, where the odor of such substances is the only warning of their presence.
<b>Incompatible material</b>	Strong oxidizing agents – enzymes –sodium hypochlorite (bleach)
<b>Hazardous decomposition Products</b>	No hazardous decomposition products are known

## 11. Toxicological information

### Information or likely routes or exposure

<b>Inhalation</b>	No adverse effects due to inhalation are expected
<b>Skin contact</b>	No adverse effects due to skin contact are expected
<b>Eye contact</b>	No adverse effects due to eye contact are expected
<b>Ingestion</b>	No adverse effects due to ingestion are expected

### Symptoms related to the Physical, chemical and

## Toxicological characteristics

### Information on toxicological effects

<b>Acute toxicity</b>	Non-toxic
<b>Skin corrosion/irritation</b>	No adverse effects
<b>Serious eye damage/eye irritation</b>	Direct contact with eyes may cause temporary irritation.
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensation</b>	Not available
<b>Skin sensitization</b>	Not expected to cause skin sensitization.
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity</b>	Not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA
<b>OSHA Specifically Regulated Substances (29 CFR 1910, 1001-1050)</b>	
Not listed	
<b>Reproductive toxicity</b>	Not expected to cause reproductive or developmental effects.
<b>Specific target organ toxicity -single exposure</b>	Not classified.
<b>Specific target organ toxicity -repeated exposure</b>	Not classified.
<b>Aspiration Hazard</b>	Not available

## 12. Ecological information

<b>Ecotoxicity</b>	Not classified as environmentally hazardous.
<b>Persistence and degradability</b>	Biodegradable
<b>Bioaccumulative potential</b>	Not expected
<b>Mobility in soil</b>	Mobile
<b>Other adverse effects</b>	No adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected.

## 13. Disposal considerations

<b>Disposal instructions</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Local disposal regulations</b>	Dispose in accordance with all applicable regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues/unused products</b>	Dispose of in accordance with local regulations.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling.

## 14. Transport information

<b>DOT</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not available

## 15. Regulatory Information

<b>US Federal regulations</b>	Not regulated
<b>TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)</b>	Not regulated
<b>CERCLA Hazardous Substance List (40 CFR 302.4)</b>	Not listed

**SARA 304 Emergency release notification**

Not regulated

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed

**Superfund Amendments and Regulated Substances Act of 1986 (SARA)**

**Hazard categories**      Immediate Hazard – No  
    Delayed Hazard – No  
    Fire Hazard – No  
    Pressure Hazard – No  
    Reactivity Hazard – No

**SARA 302 Extremely hazardous substance**

Not listed

**SARA 311/312 Hazardous chemical**

Not listed

**SARA 313 (TRI reporting)**

Not regulated

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated

**Safe Drinking Water Act (SDWA)**      Not regulated**US state regulations****US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)**

Not listed

**US. Massachusetts RTK – Substance List**

Not regulated

**US. New Jersey Worker and Community Right-to-know Act**

Not listed

**US. Pennsylvania Worker and Community Right-to-know Law**

Not listed

**US. Rhode Island RTK**

Not regulated

**US. California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) These products are not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**International Inventories**

<b>Country(s) or regions</b>	<b>Inventory name</b>	<b>On inventory (yes/no)*</b>
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances (NDSL)	No
China	Inventory of Existing Chemical Substances in China	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes

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Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all the components of this product comply with the inventory requirements administered by the governing country(s)  
 A "No" indicates that one or more of the components of the product are not listed or exempt for listing on the inventory administered by the governing country(s).

**16. Other information, including date of preparation or last revision**

<b>Issue date</b>	07-15-2015
<b>Version #</b>	01
<b>HMIS ratings</b>	Health 0 Flammability 0 Physical Hazard 0 Personal protection 0
<b>Disclaimer</b>	The information in the sheet was written based on the best knowledge and experience currently available.
<b>Revision Information</b>	This document has undergone significant changes and should be reviewed in its entirety.