

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 classifiedause

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>
H2O	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 Composition has been withheld as a trade secret.	HS the specific chemical identity and/or percentage of		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

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

5. Fire-fighting measures

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

6. Accidental release measures

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

7. Handling and storage

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

8. Exposure controls/personal protection

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

9. Physical and chemical properties**Appearance**

Physical state	Liquid
Form	Liquid
Color	Clear to cloudy

Odor Floral

Odor threshold Not available

pH Mid range

Melting point/freezing point 32.0 F

Initial boiling point and

Boiling range Not available

Flash point Not available

Evaporative rate Not available

Flammability (solid gas) Non-flammable

Upper/flammability or exposure limits

Flammability limit-lower (%) Not available

Flammability limit-upper (%) Not available

Exposure limit-lower (%) Not available

Exposure limit-upper (%) Not available

Vapor pressure Not available

Vapor density Not available

Relative density Not available

Solubility(ies)

Solubility (water) Soluble

Partition coefficient Not available

(n-octanol/water) Not available

Auto-ignition temperature Not available

Decomposition temperature Not available

Viscosity Not available

Other information

Molecular formula Not available

Molecular weight Not available

Specific gravity Not available

VOC (weight) XOXR <1.0%; XOPR <0.5%; XOXC <2.0%; XOPC <3.5%

10. Stability and reactivity

Reactivity Stable and non-reactive under normal conditions of use, storage and transport

Chemical stability Stable under normal conditions.

Possibility of hazardous No dangerous reaction known under conditions of normal use.

Reactions

Conditions to avoid 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.

Incompatible material Strong oxidizing agents – enzymes –sodium hypochlorite (bleach)

Hazardous decomposition

Products No hazardous decomposition products are known

11. Toxicological information**Information or likely routes or exposure**

Inhalation No adverse effects due to inhalation are expected

Skin contact No adverse effects due to skin contact are expected

Eye contact No adverse effects due to eye contact are expected
Ingestion No adverse effects due to ingestion are expected

Symptoms related to the Physical, chemical and Toxicological characteristics

Information on toxicological effects

Acute toxicity Non-toxic

Skin corrosion/irritation No adverse effects

Serious eye damage/eye Irritation Direct contact with eyes may cause temporary irritation.

Irritation

Respiratory or skin sensitization

Respiratory sensation Not available

Skin sensitization Not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity Not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA

OSHA Specifically Regulated Substances (29 CFR 1910, 1001-1050)

Not listed

Reproductive toxicity Not expected to cause reproductive or developmental effects.

Specific target organ toxicity -single exposure Not classified.

Specific target organ toxicity -repeated exposure Not classified.

Aspiration Hazard Not available

12. Ecological information

Ecotoxicity Not classified as environmentally hazardous.

Persistence and degradability Biodegradable

Bioaccumulative potential Not expected

Mobility in soil Mobile

Other adverse effects No adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected.

13. Disposal considerations

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

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues/unused products Dispose of in accordance with local regulations.

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not available

IBC Code

15. Regulatory Information**US Federal regulations** Not regulated**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated

CERCLA Hazardous Substance List (40 CFR 302.4)

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

Country(s) or regions	Inventory name	On inventory (yes/no)*
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

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

Issue date 07-15-2015

Version # 01

HMIS ratings Health 0

Flammability 0

Physical Hazard 0

Personal protection 0

Disclaimer The information in the sheet was written based on the best knowledge and experience currently available.

Revision Information This document has undergone significant changes and should be reviewed in its entirety.