



For the Control of Natural Gas Odorants

Eliminate the Odor caused by Mercaptans!!

Excellent for: cleaning used containers, cleaning up spills and deodorizing parts and tools exposed to natural gas odorants.

- * Safe
- * Non Toxic
- * Non Hazardous
- * Water Soluble
- * Pleasant Odor

OdorX liquid quickly and easily eliminates odors caused by **Mercaptans, Sulfides and Thiophene**, removing them completely by neutralizing and digesting the source of the odor. *OdorX* is not a masking agent. Unlike any other bio-formulation, *OdorX* contains bacterial strains which actually digest difficult and non-biodegradable compounds such as detergents, paper, oil, grease, hydrocarbons, phenols, etc. *OdorX* has been proven to work effectively against natural gas odorants such as Mercaptan, Sulfide and Thiophene. Non-toxic and non-hazardous, *OdorX* is water soluble and may be used full strength or diluted. *OdorX* is available in a 8oz spray bottle, 1 gallon bottle or 55 gallon drum.

DIRECTIONS : For deodorizing parts and tools exposed to natural gas odorants, spray or dip. No rinse is required. For treatment of shoes, remove and spray. Make sure shoes are completely dry before wearing. May be used on clothing as a pre-spotter. For use on spills, dilute with water at a 1 to 1 ratio, pour mixture on spill.

CAUTION: Avoid contact with skin and eyes. Do not use with alkaline or acid materials. Keep out of reach of children.

Do not store below -10° F or above 140° F

ODOR *Xplus*
Enzymatic Liquid

DOUBLE the Odor Fighting Power of Original OdorX!!

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TWICE AS STRONG

TWICE AS FAST

OdorX PLUS is a ready to use bacterial formulation specifically designed for improved waste degradation in commercial applications. The increased bacteria count in *OdorX PLUS* makes it both stronger and faster acting than original *OdorX*. The synergistic blend of new Bacterial strains have been scientifically developed and selectively adapted to cope with difficult compounds and chemicals.

OdorX PLUS differs in color and smell from Original *OdorX*. The *OdorX PLUS* formula is a translucent black color with a very 'neutral' odor. Designed for situations where speed and odor removal are time sensitive. *OdorX PLUS* is excellent for cleaning tools or spills. *OdorX PLUS* is biodegradable and washable. (While stains are easily removed from clothing and shoes, Original *OdorX* is recommended for these types of uses).

- Can be used as supplied
- Long-term stability (1- 2 years)
- Non-corrosive, non-pathogenic, safe to handle and store
- Provides rapid breakdown of difficult oils, hydrocarbons, phenols, etc.

** Do not store below 40° F or above 145° F **



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OdorX ICE

TYPICAL CHARACTERISTICS

Biological

Bacterial Strains

- Protein digesting bacteria
- Starch digesting bacteria
- Cellulose digesting bacteria
- Detergent digesting bacteria
- Fat, grease and oil digesting bacteria

Bacterial Count N/A

HAZARDOUS INGREDIENTS

None

PHYSICAL DATA

Boiling Point (F) 212° - 356°
Vapor Pressure (MMHG) 20mm/Hg @ 68°F
Vapor Density (ASIR = 1) heavier than air
Solubility in Water Complete
Appearance and Odor Milky Liquid Liquid
Spice Odor
Specific Gravity 1.015 - 1.025
Percent Volatile by Volume (%) 80+
Evaporation Rate (Ethyl Ether = 1) 1
PH (Concentrate) 7.5 to 8.5
PH (Use Dilution of NA) NA

OdorX PLUS

TYPICAL CHARACTERISTICS

Biological

Bacterial Strains

- Protein digesting bacteria
- Starch digesting bacteria
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- Detergent digesting bacteria
- Fat, grease and oil digesting bacteria

Bacterial Count 400 billion/gal.

HAZARDOUS INGREDIENTS

None

PHYSICAL DATA

Appearance translucent black
Odor 'neutral' musty fragrance
Specific gravity 1.04
PH..... Neutral
Effective ph range 5.0 - 9.8
Effective temp. Range 40 - 145°F
Shelf Life 1 - 2 years

Bacteria in OdorX plus perform within a ph range of 5.0 - 9.8 with the optimum near pH 7.0. Temperature affects the activity of the working solution and action increases with rising temperatures up to 145°F. No activity can be expected below 40°F (5°C)

OdorX and OdorX PLUS

FIRE AND EXPLOSION DATA

Flash Point (F) (Method Used) None at Boil
Flammable Limits LEL UNK UEL UNK
Extinguishing Media Foam, Co2, Dry Chemical
Special Fire Fighting This material is not considered to be flammable by the unusual fire hazards: Dept. of Transportation Standards.

Storage Store in a cool, dry place
Handling Avoid excessive inhalation
Wash hands with warm, soapy water after handling.
May cause eye irritation.

SPILL & DISPOSAL PROCEDURES

Steps to be taken in case material is released or spilled. Mop up with water or absorb spill with an absorbent material (I.E. SELIG'S AP Absorbent): pick up and deposit in a suitable waste container. Flush area thoroughly with clean water.

WASTE DISPOSAL METHOD

Check local, state and federal regulations prior to disposal. Product is not considered a hazardous waste under RCRA. Liquids may be able to be disposed of by flushing into sanitary sewer with plenty of water. Neutralization of PH may be required.

Federal Hazardous Waste Number(s) NA

FIRST AID

Skin Wash with soap and water
Eyes Flush immediately with water for 15 minutes
Inhale Move to fresh air
Ingest Drink large volume of milk or other liquid. Call a Physician immediately.

REACTIVITY DATA

Stability Stable
Incompatibility (Avoid) Acid, Base
Polymerization Will not occur
Hazardous Decomposition None

DISCLAIMER

The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.