

SAFETY DATA SHEET

This SDS complies with REACH 1907/2006 and 2001/58/EC, GHS REVISION 5, OSHA 29CFR 1910.1200

Section 1: Chemical Product and Company Identification

PRODUCT NAME: **X-IT® Machine Facilities Cleaner**
FORMULA: Preparation/Mixture
PRODUCT USE: Cleaner

MANUFACTURER'S NAME: Pantheon Enterprises, Inc.
ADDRESS: 225 West Deer Valley Road
Phoenix, AZ 85027 USA
safety@pantheonchemical.com
Safety Data Sheet Competent Person: safety@pantheonchemical.com

SUPPLIER'S NAME: Pantheon Enterprises, Inc.
ADDRESS: 225 West Deer Valley Road
Phoenix, AZ 85027
TELEPHONE NUMBER: 623-780-2296
TOLL FREE: 1-888-608-7888
FAX: 623-516-0414

EMERGENCY TELEPHONE NUMBER: Chemtrec 24 hrs: 1-800-424-9300
Information: 623-780-2296
Fax: 623-516-0414

DATE PREPARED: August 1, 2015
DATE REVIEWED: September 28, 2015

Section 2: Hazards Identification

GHS Hazard Class: Skin irritation (Category 2), H315
Eye irritation (Category 2), H319

GHS Label elements, including precautionary statements:

Pictogram:



Signal word: Warning

Hazard Statement(s):
H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary Statement(s):
P102 Keep out of reach of children
P103 Read label before use
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.

Hazard(s) Not Otherwise Classified (HNOC): Not classified
HAZARD CLASSIFICATION: Not classified as hazardous based on IATA, IMDG, and DOT.

PDOC-30-357 Rev: 5.0

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FIRE AND EXPLOSION: Not considered flammable or combustible.
 POTENTIAL HEALTH EFFECTS: <7 % of mixture consists of ingredients of unknown acute toxicity.
 OTHER: None
 CHRONIC EFFECTS OF OVEREXPOSURE: None
 APPEARANCE: Clear amber liquid

NFPA RATINGS:

COMPONENT	Health (Blue)	Flammability (Red)	Reactivity (Yellow)	Special (White)
X-IT® Machine Facilities Cleaner	1	0	0	NONE

Section 3: Composition / Information on Ingredients

PRODUCT COMPOSITION	APPROX %	CAS NO.	CANADA DSL
Water	<95	7732-18-5	Y
TS1	<5	----	Y

Some items on this MSDS may be designated as trade secrets (TS). Bona fide requests for disclosure of trade secret information to medical personnel must be made in accordance with the provisions contained in 29 CFR 1910.1200 I 1-13. The Full List for all R phrases is shown in Section 16.

Section 4: First Aid Measures

Description of First Aid Measures

INHALATION: No fumes are emitted when using this product. No adverse effects are anticipated from inhalation.
 SKIN CONTACT: Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing.
 EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.
 INGESTION: If swallowed do not induce vomiting, give large quantities of water to drink. Never give anything to an unconscious person. Get immediate medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms/Injuries after Inhalation: No adverse effects are anticipated from inhalation.
 Symptoms/Injuries after Skin Contact: May cause mild skin irritation. Wash thoroughly with soap and rinse with water.
 Symptoms/Injuries after Eye Contact: Irritation may result from contact with the eye. Rinse immediately with water and seek medical advice.
 Symptoms/Injuries after Ingestion: May be harmful if swallowed. Drink large amount of water. Do NOT induce vomiting. Seek medical advice.

Indication of any immediate medical attention and special treatment needed

In case of accident or if you feel unwell, seek medical advice immediately.

Section 5: Fire-fighting Measures

Suitable extinguishing media Material does not burn. Use extinguishing agent suitable for the type of surrounding fire.
Special hazards arising from the substance or mixture No data available.
Protective actions fire-fighters Wear standard protective equipment and self-contained breathing apparatus for firefighting if necessary.
Further information None.

Section 6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

Wear proper personal protective equipment.

Environmental precautions

None. Product is biodegradable.

Prevent further leakage or spillage if safe to do so.

Prevent spills or contaminated rinse water from entering storm drains, drywells, watercourses, or land areas.

Methods and materials for containment and cleaning up

Clean up as much as possible and place in a suitable container for later disposal.

Reference to other Sections

For personal protection reference section 8. For applicable regulations reference section 15.

Section 7: Handling and Storage

Precautions for safe handling

Do not store in temperatures below 32 °F.

Wear proper protective equipment and avoid contact with skin, eyes, or clothing.

Wash hands after handling this product. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities

Follow all applicable local regulations for handling and storage.

Utilize chemical segregation from acids.

Specific uses

This product is used as a cleaner.

Section 8: Exposure Controls/Personal Protection

Control Parameters

PRODUCT COMPOSITION	ACGIH TLV	OSHA PEL	NIOSH REL	U.S. WEEL TWA	EU IOELV TWA (mg/m ³)	United Kingdom WEL	Canada OEL	Mexico OEL
TS1	TWA: 100ppm SKIN STEL: 150ppm SKIN	600 mg/m ³ 100 SKIN	-----	-----	-----	-----	-----	-----

Note – a “skin” notation following the inhalation exposure guidelines refers to the potential for dermal absorption of the material including mucous membranes and the eyes either by contact with vapors or by direct skin contact.

Exposure controls

VENTILATION:

No special precautions required.

RESPIRATORY PROTECTION:

No special precautions required.

PROTECTIVE GLOVES:

Rubber gloves

EYE PROTECTION:

Protective goggles

SKIN PROTECTION:

Suitable protective clothing to prevent skin contact

WORK/HYGIENE PRACTICES:

Avoid contact with skin and eyes. Wash hands after handling.

PROTECTIVE CLOTHING:

Wear suitable protective clothing to prevent skin contact.

OTHER EQUIPMENT:

Make safety shower, eyewash stations, and hand washing equipment available in the work area.

Section 9: Physical and Chemical Properties

APPEARANCE – COLOR:	Clear Amber
PHYSICAL STATE:	Liquid
ODOR:	None
ODOR THRESHOLD:	Data Not Applicable
pH:	11.0-11.4
FREEZING POINT:	21°F (-6°C)
INITIAL BOILING POINT AND BOILING RANGE:	215°F (102°C)
FLASH POINT:	Not Applicable for product
EVAPORATION RATE:	Slightly less than water
FLAMMABILITY (Solid, gas):	Not Applicable for product
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:	Not Applicable for product
VAPOR PRESSURE:	Slightly less than water
VAPOR DENSITY (AIR = 1):	Not Applicable for product
RELATIVE DENSITY (@25 °C):	1.002
SOLUBILITY (IES):	100% in water
OXIDIZING PROPERTIES:	Data Not Applicable
PARTITION COEFFICIENT: n-octanol/water:	Data Not Applicable
AUTO IGNITION TEMPERATURE:	Data Not Applicable
DECOMPOSITION TEMPERATURE:	Data Not Applicable
VISCOSITY:	Data Not Applicable
CORROSIVE:	No

Section 10: Stability and Reactivity

STABILITY:	Stable.
CONDITIONS TO AVOID:	None
INCOMPATIBILITY (MATERIALS TO AVOID):	None
HAZARDOUS DECOMPOSITION PRODUCTS:	None
HAZARDOUS POLYMERIZATION:	Will not occur

Section 11: Toxicological Information

There is no toxicological information available for the product or mixture.

GHS Required Criteria	Toxicity Criteria	Data	Comments	Chemical Constituent
Acute Toxicity	ATE _{MIX} , Oral Rat LD50 Oral Rat LD50 Skin Rabbit LC50 Vapor Rat 7hr	>38,000 mg/kg >5,000 mg/kg 9,510 mg/kg No deaths occurred at 3.35mg/L		Product TS1 TS1 TS1
Skin Corrosion/Irritation			Prolonged exposure not likely to cause significant skin irritation	TS1
Serious Eye Damage / Eye Irritation			May cause slight temporary eye irritation. Corneal injury is unlikely	TS1
Skin Sensitization			Did not cause allergic reactions when tested in humans	TS1
Respiratory Sensitization			In laboratory animal studies, effects on been seen at only doses that produced significant to the parent animals.	TS1
Germ Cell Mutagenicity		Not available		
Carcinogenicity			Did not cause cancer in laboratory animals	TS1
Reproductive Toxicity			In laboratory animal studies, effects on been seen at only doses that produced significant to the parent animals.	TS1
STOST -- Single Exposure STOST -- Repeated Exposure		Not available	Symptoms of excessive exposure may be anesthetic or narcotic effects;	TS1

Aspiration Hazard			dizziness and drowsiness may be observed	
Genetic Toxicology	In vitro genetic toxicology	Not available	Negative	TS1
Ames test		Not available		

STOST = Specific Target Organ Systemic Toxicity

OTHER INFORMATION: Only selected Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information.

Section 12: Ecological Information

	Environmental Impacts	Chemical Constituents
Toxicity:	Material is practically non-toxic to aquatic organisms on an acute basis (LC ₅₀ or EC ₅₀ >100mg/L in the most sensitive species tested).	TS1
Bioaccumulation potential	LC50, <i>Poecilia reticulata</i> (guppy), static test, 96 hr. >1,000 mg/L Bioconcentration: Bioconcentration is low (BCF < 100 or log P _{OW} < 3) Partition coefficient, n-octanol/water (log P _{OW}): 1.01 measured.	TS1
Persistence and degradability:	Product is biodegradable Readily biodegradable	Product TS1
Mobility in soil:	Mobility in soil: Given its very low Henry's constant, volatilization from natural bodies of water or moist soil is not expected to be an important fate process. Potential for mobility in soil is very high of K _{OC} between 0 and 50. Partition coefficient, soil organic carbon/water (K _{OC}): 0.25 estimated. Henry's law Constant (H): 1.6E-07 atm*m ³ /mol; 25°C estimated.	TS1
PBT and vPvB assessment:	Not available.	
Other adverse effects:	Not available.	

Note: Not all of the ingredients have been tested for ecotoxicity.

Section 13: Disposal Considerations

Waste from residues/unused products

Completely rinse container prior to disposal. Dispose of in accordance with Federal, state, and local regulations. Large quantities of waste may require adjustment to a neutral pH. None of the chemicals used in the product are listed as a Priority Pollutant in Appendix A to 40 CFR, Part 423—126 Priority Pollutants.

Contaminated packaging

Contaminated packaging material should be disposed of as stated above for residues and unused product.

Rinsate

Do not dispose of rinse water containing product in a sanitary sewer system or stormwater drainage system.

Section 14: Transport Information

DOT TRANSPORT: Not Regulated

ADR = International Carriage of Dangerous Goods by Road Not Regulated

RAIL TRANSPORT: Not Regulated

SEA TRANSPORT: IMDG Not Regulated

AIR TRANSPORT: IATA/ICAO Not Regulated

Section 15: Regulatory Information

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:

This product is in compliance with rules, regulations, and/or orders of TSCA.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III SECTION 313 SUPPLIER NOTIFICATION:

This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the Emergency Planning and Community Right To Know Act of 1986 and 40 CFR 372. This information must be included in all SDS's that are copied and distributed for the material.

The Section 313 toxic chemicals contained in this product are: None

CALIFORNIA PROPOSITION 65:

This regulation requires a warning for California Proposition 65 chemical(s) under the statute.

The California proposition 65 chemical(s) contained in this product are: None

STATE RIGHT-TO-KNOW TOXIC SUBSTANCE OR HAZARDOUS SUBSTANCE LIST:

Florida Toxic Substance(s):	Not listed
Pennsylvania hazardous substance code(s):	TS1
New Jersey	Not listed

CLEAN AIR ACT AMENDMENTS (1990):

SECTION 112, HAZARDOUS AIR POLLUTANTS:

This substance is listed Hazardous Air Pollutant

None

SECTION 111, VOLATILE ORGANIC COMPOUNDS

TS1

CLEAN WATER ACT: None of the chemicals used in the product are listed as a Priority Pollutant in Appendix A to 40 CFR, Part 423—126 Priority Pollutants.

CANADA:

WHMIS 2015: This SDS is in compliance with WHMIS 2015 (HPR/ new HPA)

EUROPEAN UNION:

This product has been reviewed for compliance with the following European Community Directives: REACH 1907/2006; Regulation (EC) No 1272/2008 on classification, labeling, and packaging (CLP) of substances and mixtures. None of the chemicals used in this product are on the EU's REACH SVHC (Substances of Very High Concern) chemicals list (as of June 16, 2014).

Section 16: Other Information

Revision Number:	5.0
Revision explanation	Toxicological data and WHMIS information updated
Information Sources:	RTECS, ECHA, REACH, OSHA 29CFR 1910.1200

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