

Safety Data Sheet for: Watcon 1366

1. Identification

Name of Product Watcon 1366

Recommended Use Closed loop treatment

Producer Watcon, Inc.
 2215 South Main Street
 South Bend, IN 46613
 574.287.3397

Emergency CHEMTREC 800.492.6300

2. Hazards Identification

GHS Classification:
Not Regulated, No Hazard

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

3. Composition / Information on Ingredients

<u>Component</u>	<u>CAS Number</u>	<u>Weight</u>
Sodium Phosphate	10124-56-8	< 10
Sodium Silicate	6834-92-0	< 10

Any concentration shown as a range is to protect confidentiality or is due to batch variation.
Per Appendix D 1919.1200 OSHA, ranges can be used when there is batch-to-batch variability in a mixture or a trade secret claim.
There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. First Aid Measures

Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin contact : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

5. Fire Fighting Measures

Suitable extinguishing : Use an extinguishing agent suitable for the surrounding fire.
Media

Unsuitable extinguishing : None known.
Media

Specific hazards arising : In a fire or if heated, a pressure increase will occur and the container may burst.
from the chemical
I

Hazardous thermal : Decomposition products may include the following materials:
decomposition products carbon dioxide
 carbon monoxide
 metal oxide/oxides

Special protective actions : for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective : equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental Release Measures

Important: Before responding to a spill or leak of this product, review each section of the MSDS. Follow the recommendations in the Handling and Storage Precautions section. Whenever feasible, make sure that spilled or leaked product does not come in contact with materials listed as incompatible. If noxious fumes are present, consider evacuation of enclosed areas. Minimize the area affected by the release. Block any potential routes to water systems. Assess the impact on contaminated environments based on 1) the product's toxicological and chemical properties and 2) the size and location of the spill. Determine if federal, state, and/or local release notification is required. Recover as much of the product for reuse as possible. Spill or leak residuals may have to be collected and disposed. Clay, soil, or commercial absorbents may be used to recover material that cannot be reused. Flushing residual material to an industrial sewer, if present, may be acceptable if authorized approval is obtained. Contact the person(s) responsible for the operation of your facility's industrial sewer system prior to intentionally flushing or pumping spills and leaks to the sewer system. Follow all federal, state, and local regulations governing the disposal of waste materials.

7. Handling and Storage

Protective measures :	Put on appropriate personal protective equipment (see Section 8).
Advice on general : occupational hygiene	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, : including any incompatibilities	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
Satisfactory Materials of : Construction	Not available.

8. Exposure Controls / Personal Protection

Occupational exposure limits	None.
Appropriate engineering : controls	Good general ventilation should be sufficient to control worker exposure to airborne contaminants
Environmental exposure : controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Individual protection measures	
Hygiene measures :	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection :	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Skin protection	
Hand protection :	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Body protection :	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection :	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection :	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

9. Physical and Chemical Properties

Physical state Liquid
 Appearance: Clear
 Odor: None
 Odor Threshold [ppm]: No data available.
 Decomposition Temperature: No data available
 Boiling Point: < 212°F (100°C)
 Vapor Density (air=1): No data available
 Relative Density/Specific Gravity(water=1): 0.90 – 1.00 @ 20 °C
 Water Solubility: 100%
 Volatility: No data available
 Evaporation Rate (ether=1): No data avail

10. Stability and Reactivity

Reactivity :	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability :	The product is stable.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid :	No specific data.
Incompatible materials :	No specific data.
Hazardous decomposition : products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information

Eye Contact	Vapors may cause severe irritation and conjunctivitis with possible cornea edema. May cause a perception of a "blue haze" or "fog" around lights. Corrosive to the eyes and may cause severe damage including blindness.
Skin Contact	Corrosive to skin. Causes skin burns. May be absorbed through the skin in harmful amounts.
Inhalation	May cause irritation of the mucous membranes. May cause irritation of respiratory tract. Vapors may have a strong offensive odor which may cause headaches, nausea, and vomiting.
Ingestion	If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the esophagus and the stomach.
Chronic Effects	None known.
Aggravated Medical Conditions: Respiratory disorders.	
<u>Product Information</u>	
LD50/oral/rat =	7920 mg/kg
LD50/dermal/rabbit =	6600 mg/kg
LC50/inhalation/4h/rat =	27.6 mg/l
Eye irritation	Corrosive
Skin irritation	Corrosive
Sensitization	No sensitization responses were observed
Mutagenic Effects	Did not show mutagenic effects in animal experiments
Carcinogenic effects	Did not show carcinogenic or teratogenic effects in animal experiments

12. Ecological Information

<u>Ecotoxicity</u>	
Toxicity to fish LC50 :	>600 mg/l
EC50/48h/daphnia =	501.6 mg/l
EC50/72h/algae =	180 mg/l

Toxicity to bacteria

Not required: Readily biodegradable:

Persistence and Degradability

Readily biodegradable

13. Disposal Considerations

Waste from material: Reuse or reprocess, if possible. May be subject to disposal regulations. Dispose in accordance with all applicable regulations.

Container Management: Dispose of container in accordance with applicable local, regional, national, and/or international regulations. Container rinsate must be disposed of in compliance with applicable regulations.

14. Transport Information

U.S. Department of Transportation (DOT)

Proper Shipping Name: Not Regulated

Hazard Class:

UN Number:

Packing Group:

15. Regulatory Information

All of the components in the product are on the following Inventory lists: U.S.A. (TSCA), Europe (EINECS/ELINCS/NLP), Canada (DSL/NDSL), Japan (ENCS), Australia (AICS), Philippines (PICCS), China (IECSC), Korea (KECL), New Zealand (NZIoC).

OSHA HAZARD CLASSIFICATION: Non hazardous

SARA 311/312 Hazardous Categorization

Acute Health Hazard

SARA TITLE III SECTION 313 INFORMATION:

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CERCLA Hazardous Substances

This product does not contain any RQs or TPQs under this regulation.

16. Other Information

HMIS/NPCA Ratings: Health 1; Flammability 0; Reactivity 0

NFPA Ratings: Health 1; Flammability 0; Reactivity 0

The information on this Material Safety Data Sheet reflects the latest information and data that we have on hazards, properties, and handling of this product under the recommended conditions of use. Any use of this product or method of application, which is not described in the Product Data Sheet, is the sole responsibility of the user.

Watcon, Inc. makes no warranty, either expressed or implied, concerning this product, its performance, merchantability, or fitness for a particular purpose other than that expressly designated. Buyer assumes all risk of use and handling of this material.

Revision: 1

Reason for revision: Convert to GHS format

Date of last review: 4 March 2016