

SECTION 1 - IDENTIFICATION

Product Identifier: Envirox™ Dish Wash Concentrate (Formerly Dish Safe)

Product Number: 126

Recommended use of the chemical and restrictions on use:
Industrial Cleaner

Manufacturer/Supplier:

Envirox LLC P.O. Box 2327, 1938 E. Fairchild St., Danville, IL 61834-2327 USA Tel 1-217-442-8596

Emergency Phone Number:

ChemTel Inc. 800-255-3924, +1-813-248-0585

SECTION 2 –HAZARD(S) IDENTIFICATION

Classification of the substance or mixture:



Skin Sensitization Category 1

Signal Word – Warning

Hazard statements:

H317 May cause an allergic skin reaction

Precautionary statements:

P261 Avoid breathing mist/vapours/spray.

P280 Wear protective gloves /eye protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P363 Wash contaminated clothing before reuse.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards: None

Ingredients with Unknown Acute Toxicity: None

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Mixture

Hazardous components:

Ingredient	CAS Number	Percent
Ethoxlated linear alcohols	Proprietary	2.5-10
Sodium dodecyl sulphate	151-21-3	<=2.5
Orange oil	8008-57-9	<=2.5

Exact percentages and identities are withheld as trade secrets.

SECTION 4 - FIRST-AID MEASURES

Description of necessary measures:

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Rinse with warm water. If skin irritation continues, consult a doctor.

After eye contact: Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately.

Most important symptoms and effects, both acute and delayed: Gastric or intestinal disorders

Indication of any immediate medical attention and special treatment needed: Contains orange oil. May produce an allergic reaction.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media: CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable extinguishing media: None.

Special hazards arising from the substance or mixture: None.

Special protective equipment and precautions for fire-fighters: Wear self-contained respiratory protective device. Wear fully protective suit.

SECTION 6 - ACCIDENTAL RELEASE MEASURES:

Personal precautions, protective equipment and emergency procedures: Use respiratory protective device against the effects of fumes/dust/aerosol. Particular danger of slipping on leaked/spilled product. Wear protective clothing. Ensure adequate ventilation.

Methods and material for containment and cleaning up: Absorb liquid components with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Clean the affected area carefully; suitable cleaners are: Warm water.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling: Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

Conditions for safe storage, including any incompatibilities: Avoid storage near extreme heat, ignition sources or open flame. Store away from foodstuffs. Store in cool, dry conditions in well-sealed receptacles.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Appropriate engineering controls: No further relevant information available.

Personal protective equipment:

Respiratory protection: Not required under normal conditions of use.

Protection of hands: Rubber gloves, Butyl rubber, Nitrile rubber, or Neoprene gloves

Eye protection: Safety glasses

Body protection: Not required under normal conditions of use.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Form: Liquid Color: Clear	Explosive Limits	Upper: Not Determined
Odor:	Citrus; fragrance added	Vapor pressure:	Not determined
Odor threshold:	Not determined	Vapor density:	Not determined
pH value at 20 °C (68 °F):	9.9 ± 0.5	Relative Density:	1.000
Melting point/Melting range:	Undetermined	Solubility:	Fully miscible
Boiling point/Boiling range:	212 °F / 100 °C	Partition coefficient (noctanol/water):	Not determined
Flash point:	Not applicable	Auto-ignition temperature:	Not determined
Evaporation rate:	Not determined	Decomposition temperature:	Not determined
Flammability (solid, gaseous):	Not applicable	Viscosity:	Not determined
Explosive Limits	Lower: Not Determined		

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: No further information available. **Chemical stability:** No decomposition if used and stored according to specifications.

Possibility of hazardous reactions: Reacts with strong acids. Reacts with strong oxidizing agents. **Conditions to avoid:** No further relevant information available. **Incompatible materials:** No further relevant information available. **Hazardous decomposition products:** Possible in traces.

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Inhalation: No irritant effect.

Ingestion: None under normal use.

Skin contact: No irritant effect.

Eye Contact: Slight irritant effect on eyes.

Symptoms related to the physical, chemical and toxicological characteristics: No further relevant information available.

Delayed and immediate effects and also chronic effects from short and long term exposure: None under normal use.

Measures of toxicity: No further relevant information available.

Carcinogenic categories:

NTP(National ToxicologyProgram):	None of the ingredients are listed.
IARC (International Agency for Research on Cancer):	None of the ingredients are listed.
OSHA(Occupational Safety and Health Administration):	None of the ingredients are listed.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:

Aquatic toxicity: No further relevant information available.

Terrestrial toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Other adverse effects: No further relevant information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste disposal methods: Smaller quantities can be disposed of with household waste. Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

Contaminated packaging: Disposal must be made according to official regulations.

Recommended cleansing agents: Water, if necessary with cleansing agents.

SECTION 14 - TRANSPORT INFORMATION

UN number (DOT, IMDG, IATA):	Not Regulated
UN proper shipping name (DOT, IMDG, IATA):	Not Regulated
Transport hazard class(es) (DOT, IMDG, IATA):	Not Regulated
Packing group (DOT, IMDG, IATA):	Not Regulated
Environmental hazards: Marine pollutant (Yes/No):	No
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not applicable.
Special precautions for user:	Not applicable.

SECTION 15 - REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture: United States (USA) SARA

Section 355 (extremely hazardous substances):	None of the ingredients are listed.
Section 313 (specific toxic chemical listings):	None of the ingredients are listed.
TSCA (Toxic Substances Control Act):	All ingredients are listed.

Proposition 65 (California):

Chemicals known to cause cancer:	None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for females:	None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for males:	None of the ingredients are listed.
Chemicals known to cause developmental toxicity	None of the ingredients are listed.

Carcinogenic Categories:

EPA(Environmental Protection Agency):	None of the ingredients are listed.
--	-------------------------------------

Chemical safety assessment: A chemical safety assessment has not been carried out.

SECTION 16 - OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

SDS Preparation:

Revision Date: October 30, 2014

PreparedBy: ChemTel Inc., 1305 North Florida Avenue, Tampa, Florida, USA 33602, 1-888-255-3924 –Website:

www.chemtelinc.com.