



# **NFPA Rating Flammability** Health 0 Reactivity 0 = Minimal Hazard

4 = Severe Hazard

# **Material Safety Data Sheet**

# VapoScrub WECX5

# **Hydrocarbon Encapsulation Chemical Agent**

# **HMIS Rating**

Health - 1

Flammability - 0

Reactivity - 0

**Personal Protection - B** 

0 = Minimal Hazard 4 = Severe Hazard B = Safety Glasses & Gloves

#### 1. PRODUCT & COMPANY IDENTIFICATION

Product Name...... VapoScrub WECX5 Chemical Use...... Hydrocarbon Encapsulator Chemical Family..... Mixture

Issue Date of MSDS......May 3, 2011

#### **Envent Corporation**

1310 Underwood Road La Porte, TX 77571 (281) 715-2900 www.EnventCorporation.com

#### **EMERGENCY TELEPHONE NUMBER:**

(888) 997-9465

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZAR DOUS INGREDIENT	CAS#	CONCENTRATION
Sodium Hydroxide	1310-73-2	<1%
Non-Ionic Surfactant	N/A	12-14%
Ester Odorant	N/A	<1%

#### 3. HAZARDS IDENTIFICATION

## \* **Emergency Overview**

A clear to slightly amber solution which poses little or no immediate hazard. NFPA flammability rating of zero.

### \* Potential Health Effects

Signs & Symptoms......Eye and skin irritation (redness & swelling).

F	Otential Health LifeCts
Eye Contact	May cause mild irritation and burning
Skin Contact	Prolonged or repeated exposure may
	cause irritation.
Inhalation	Prolonged or repeated exposure may
	cause irritation.
Ingestion	No hazard in normal industrial use.
Carcinogenicity:	
NTP	No ingredients are listed.
IARC	No ingredients are listed.
OSHA	No ingredients are listed.
Chronic Effects	Not determined.

Target Organs.....Not determined.

4. FIRST AID MEASURES

Eye Contact	Immediately flush eyes with plenty of water. Get medical attention if irritation dvelops or persists.
Skin Contact	Remove contaminated clothing. Wash skin with soap and water. Get medical atten- tion if irritation develops or persists.
Inhalation	If exposed to excessive levels of fumes, remove to fresh air. Get medical attention
Ingestion	if cough or other symptoms developDo not induce vomiting. Drink one or two glasses of water and get medical attention immediately!

#### 5. FIRE FIGHTING MEASURES

Flash Point		
UFL		
Extinguishing Media.	Use foam, carbon diox	de. or wate

to extinguish flames.

Fire Fighting Instruction......As with any fire, wear sealed contained breathing apparatus, pressure demand MSHA/NIOSH (approved or equivalent) and full protective gear. Water runoff may cause environmental damage. Dike and collect water used to fight fire.

# 6. ACCIDENTAL RELEASE MEASURES

Clean up spills immediately, observing precautions in Section 8 - Personal Protection. Absorb spill with inert material (e.g., dry sand or earth), then place in chemical waste container.

#### 7. HANDLING & STORAGE

Handling	Avoid contact with eyes, skin, and clothing.
•	Use in well ventilated area.
Storage	.Store in cool place in original container and
	keep away from direct sunlight. Keep con-
	tainer closed when not in use.
Shelf-Life	.One to two years normally.
Storage Temperature	5 - 43°C (41 - 110°F)



### Vapor Control & Degassing Specialist

#### 8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering Controls......Good general ventilation should be sufficient to control airborne levels.

Respiratory Protection.......For most situations, no respiratory protec-

tion is necessary.

Skin Protection.......Wear chemical resistant gloves
Eye Protection......Wear safety-goggles with side shields

(or goggles). Contact lenses should not be

worn.

General Hygiene

Considerations......There are no known health hazards associated with this product when used as recommended. The following general hygiene

considerations are recognized as common, good industrial hygiene practices:

· Wash hands after use and before eating.

· Avoid breathing vapors.

· Wear safety glasses and gloves.

**Exposure Limits**.....Not established for product as whole.

Ingredients CAS # ACGIH

None established for individual components.

#### 9. PHYSICAL & CHEMICAL PROPERTIES

Appearance......Clear to slightly amber liquid.

Odor......Pleasant fragrance

 pH
 10.5 to 11.5

 Boiling Point
 220°F

 Freezing Point
 30°F

Solubility in Water.....100% Specific Gravity (water = 1)...1.05

#### 10. STABILITY & REACTIVITY

Stability.....Stable.

Hazardous Polymerization......Will not occur.

Incompatibilities......May etch aluminum and zinc.

Decomposition Products.....None determined.

#### 11. TOXICOLOGICAL INFORMATION

Eye.......Not determined.Skin......Not determined.

Oral.....Not determined.

#### 12. ECOLOGICAL INFORMATION

Contains no CFC's, phosphates, silicates, borates, halogens, or phenols.

#### 13. DISPOSAL CONSIDERATIONS

**VapoScrub WECX5** is not considered a hazardous waste under Federal Hazardous Waste Regulations 40 CFR 261. Please be advised, however, that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult state and local authorities regarding the proper disposal of this material.

(Note: Adding chemicals, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate, or otherwise inappropriate.)

#### 14. TRANSPORTATION INFORMATION

#### A. USA:

**D.O.T. Shipping**......Not Regulated. **Technical Shipping Name**.....Liquid detergent .

D.O.T. Label ......None.
D.O.T. Placard .....None.

Freight Class Package......Class 55

Product Label......Hydrocarbon Encapsulator

#### B. CANADA:

TDG.....Not regulated.

#### C. ENGLAND:

Approved Carriage List......Not regulated.

#### **15. REGULATORY INFORMATION**

#### A. USA:

TSCA Status......All ingredients listed on TSCA

inventory.

SARA TITLE III, 302/303 EHS......None. SARA TITLE III, 304 HS.....None. SARA TITLE III, 311/312.....None.

SARA TITLE III, 313.....None.

#### B. CANADA:

DSL/NDSL......All ingredients are listed.

WHMIS.....Not Classified.

C. EC

**EINECS**.....All ingredients are listed.

#### 16. STATE REGULATORY INFORMATION

For details on specific requirements, you should contact the appropriate agency in your state.

#### 17. OTHER INFORMATION

Approval Date......May 3, 2011

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