

# **MATERIAL SAFETY DATA SHEET**

# Vinyl Acetate, Stabilized

# **Section 1 - Chemical Product and Company Identification**

MSDS Name:	Vinyl Acetate, Stabilized
Synonyms:	
Company Identification: (INDIA)	Veritas House, 70 Mint Road, Fort, Mumbai - 400 001. INDIA
For information in the INDIA, call:	Tel: +91 - 22 - 2275 5555 / 6184 0000,

Fax: +91 - 22 - 2275 5556 / 6184 0001

# **Section 2 - Composition, Information on Ingredients**

CAS#	Chemical Name:	%	EINECS#
108-05-4	Vinyl acetate, stabilized	99+%	203-545-4

Hazard Symbols:	F
Risk Phrases:	11

#### Section 3 - Hazards Identification

Section 5 - Hazards Identification			
<b>EMERGENCY</b> (	OVERVIEW		
Highly flammable.			
Potential Health Effects			
Eye:	Causes mild eye irritation. Causes redness and pain. Lachrymator (substance which increases the flow of tears).		
Skin:	May be absorbed through the skin. Causes redness and pain. May cause skin irritation and possible burns. May cause blistering of the skin.		
Ingestion:	Aspiration hazard. May cause nausea and vomiting.		
Inhalation:	Harmful if inhaled. May cause severe throat irritation. May cause headache. May cause respiratory difficulty and coughing.		
Chronic:	Chronic ingestion may cause liver damage. Repeated inhalation may cause chronic bronchitis. Prolonged exposure may produce a narcotic effect. Repeated exposure may cause central nervous system damage.		

## **Section 4 - First Aid Measures**

Eyes:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin:	Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Ingestion:	Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.
Inhalation:	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.



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Notes to		
Physician:		
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# **Section 5 - Fire Fighting Measures**

General Information:	As in any fire, wear a self-contained breathing apparatus in pressure-demand,  MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors may form an explosive mixture with air. Vapors can travel to a source of ignition and flash back. Will b if involved in a fire. Containers may explode in the heat of a fire. Flammable liquid and vapor. May form explosive peroxides.	
Extinguishing Media:	Use water spray to cool fire-exposed containers. Use dry chemical, carbon dioxide, or alcohol-resistant foam. DO NOT USE WATER!	

# **Section 6 - Accidental Release Measures**

General	Use proper personal protective equipment as indicated in Section 8.		
Information:			
Spills/Leaks:	Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable		
	container. Remove all sources of ignition. Use a spark-proof tool.		

# **Section 7 - Handling and Storage**

Handling:	Use spark-proof tools and explosion proof equipment. Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Take precautionary measures against static discharges. Use only in a chemical fume hood.
Storage:	Keep away from sources of ignition. Do not store in direct sunlight. Store in a tightly closed container. Store in a dry area. Refrigerator/flammables. May form explosive peroxides on prolonged storage.

# **Section 8 - Exposure Controls, Personal Protection**

Engineering Controls:		
	Use adequate general or local explosion-proof ventilation to keep airborne levels to acceptable levels.	
<b>Exposure Limits</b>		
	CAS# 108-05-4:	
	Belgium - TWA: 10 ppm VLE; 36 mg/m3 VLE Belgium - STEL: 15 ppm VLE; 54 mg/m3 VLE	
	France - VME: 10 ppm VME; 30 mg/m3 VME	
	Germany: 10 ppm TWA; 36 mg/m3 TWA	
	Malaysia: 10 ppm TWA; 35 mg/m3 TWA	
	Netherlands: 5 ppm MAC; 18 mg/m3 MAC	
	Russia: 10 mg/m3 TWA (vapour)	
	Spain: 10 ppm VLA-ED; 36 mg/m3 VLA-ED Spain: 15 ppm VLA-EC; 54 mg/m3 VLA-EC	

Personal Protective Equipment			
Eyes:	Wear chemical splash goggles.		
Skin:	Wear appropriate protective gloves to prevent skin exposure.		
Clothing:	Wear appropriate protective clothing to prevent skin exposure.		
Respirators:	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN		



149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

## **Section 9 - Physical and Chemical Properties**

nysical State: Clear liquid	
olor: clear colorless	
dor: sweetish odor - sharp odor	
<b>1:</b> 7 (20g/L (20°C))	
apor Pressure: 117mbar @20 deg C	
scosity: 0.43 cPs @20 deg C	
piling Point: 72 - 73 deg C @760mmHg	
reezing/Melting Point: -93 deg C ( -135.40°F)	
utoignition Temperature: 385 deg C ( 725.00 deg F)	
<b>ash Point:</b> (-) 8 deg C ( 17.60 deg F)	
xplosion Limits: Lower: 2.6 Vol %	
kplosion Limits: Upper: 14 Vol %	
ecomposition Temperature: Not available	
plubility in water: 23 g/l (20°C)	
pecific Gravity/Density: 0.930 g/cc	
olecular Formula: C4H6O2	
olecular Weight: 86.09	

# Section 10 - Stability and Reactivity

Chemical Stability:	Stable under normal temperatures and pressures. Light sensitive.
Conditions to Avoid:	High temperatures, incompatible materials, light, ignition sources.
Incompatibilities with Other	Oxidizing agents, acids, bases, aluminum, peroxides, rubber, oxygen,
Materials	ozone, acid anhydrides, oleum, silica gel.
<b>Hazardous Decomposition</b>	Carbon monoxide, carbon dioxide.
Products	
Hazardous Polymerization	May occur.

## **Section 11 - Toxicological Information**

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RTECS#:	CAS# 108-05-4: AK0875000
LD50/LC50:	RTECS: <b>CAS# 108-05-4</b> : Inhalation, mouse: LC50 = 1550 ppm/4H; Inhalation, rabbit: LC50 = 2500 ppm/4H; Inhalation, rat: LC50 = 11400 mg/m3/4H; Oral, mouse: LD50 = 1600 mg/kg; Oral, rat: LD50 = 2900 mg/kg; Skin, rabbit: LD50 = 2335 mg/kg; Other:
Carcinogenicity:	Vinyl acetate, stabilized - ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans IARC: Group 2B carcinogen
Other:	Mutagenicity: Ames-test: negative. See actual entry in RTECS for complete information.



## **Section 12 - Ecological Information**

Ecotoxicity: Fish: Bluegill/Sunfish: 18ppm; 96H; TLm

Other: Biodegradable.

#### **Section 13 - Disposal Considerations**

Dispose of in a manner consistent with federal, state, and local regulations.

#### **Section 14 - Transport Information**

	IATA	IMO	RID/ADR
Shipping Name:	VINYL ACETATE, STABILIZED	VINYL ACETATE, STABILIZED	VINYL ACETATE, STABILIZED
Hazard Class:	3	3	3
UN Number:	1301	1301	1301
Packing Group:	II	II	II

USA RQ: CAS# 108-05-4: 5000 lb final RQ; 2270 kg final RQ

## **Section 15 - Regulatory Information**

#### **European/International Regulations**

European Labeling in Accordance with EC Directives

Hazard Symbols: F

### Risk Phrases:

> R 11 Highly flammable.

#### Safety Phrases:

- > S 16 Keep away from sources of ignition No smoking.
- ➤ S 23 Do not inhale gas/fumes/vapour/spray.
- S 29 Do not empty into drains.
- > S 33 Take precautionary measures against static discharges.

#### WGK (Water Danger/Protection)

> CAS# 108-05-4: 2

#### Canada

> CAS# 108-05-4 is listed on Canada's DSL List

#### **US Federal**

- > TSCA
- > CAS# 108-05-4 is listed on the TSCA Inventory.

#### Section 16 - Other Information

MSDS Creation Date:	July 26, 2015
Revision #1 Date	



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