

HIVIS - SAFETY DATA SHEET

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade name: HIVIS

Code of the preparation: HVSRRW

Compliant with REACH regulations

Use of the preparation: release agent

Manufacturer, importer, other undertaking: Zyvax, Inc.

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2 HAZARDS IDENTIFICATION

Hazards: This product is not dangerous according to REACH classification criteria.

3 COMPOSITION / INFORMATION ON INGREDIENTS

This product contains no dangerous ingredients according to REACH classification criteria.

4 FIRST AID MEASURES

Inhalation (Breathing): Move away from source of exposure and into fresh air.
Skin contact: Remove contaminated clothing and wash affected areas with mild soap and water.
Eye contact: Flush gently with clean, warm water for at least 15 minutes while holding eyelids apart. If symptoms continue, seek medical attention.
Ingestion (Swallowing): Do not induce vomiting, give several glasses of water to dilute; seek medical attention.
Advice to physician: Treat symptomatically

5 FIRE-FIGHTING MEASURES

Water based preparation will not support combustion

6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear water resistant safety shoes / boots.
Environmental precautions: Use appropriate containment to avoid environmental contamination. Prevent from spreading or entering drains, ditches or waterways by using absorbents, sand or earth, or other appropriate barriers. Follow all applicable regulations.
Methods for cleaning up: For large liquid spills, transfer by mechanical means such as vacuum truck to a salvage tank or sealable containers for product recovery or safe disposal. Do not flush away residues with water. Allow residues to evaporate or soak up with an appropriate absorbent material and dispose of safely. Spilled product may be slippery.
For minor spills take up with industrial absorbent, paper or rags and in regular trash.
Advise local authorities if significant spillages can't be contained.

7 HANDLING AND STORAGE

Avoid breathing vapours or skin contact with the material. Only use in well ventilated areas. Use the information from this SDS for a risk assessment of local conditions to determine controls for safe handling and storage. Keep containers sealed when not in use. Follow all local and national handling regulations.
Store containers closed in a cool, well-ventilated place away from sunlight. Follow all local and national storage regulations. Keep from freezing.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace Exposure Limits (control parameters): No hazardous materials in this product
Additional information: Wash hands after use, before eating, drinking or using the toilet.
Exposure controls: Select level of protection and types of controls based on a risk assessment of local conditions.
Occupational exposure controls: Personal Protective Equipment must meet national standards; check with suppliers.
Appropriate Engineering controls: Mechanical ventilation.
Individual Protection Measures
Respiratory protection: Not expected to be necessary.
Hand protection: Nitrile rubber, etc., gloves should provide sufficient nuisance protection. Seek advice from glove suppliers.
Eye protection: Use safety glasses with side shields, safety goggles.
Skin protection: Safety shoes/boots should be water resistant.
Monitoring: Not expected to be necessary

9 PHYSICAL AND CHEMICAL PROPERTIES

General information (physical state, colour and odour): Purple liquid with light to no odour.
Boiling point/boiling range: 100°C
Vapour pressure: 2.333 kPa@20C
Relative density: 1.02 kg/dm³ @ 24°C

Evaporation rate: water
Solubility in water: completely miscible
pH: 7-8
Melting point / Freezing Point: 0°C

10 STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions of use and storage recommendations.
Chemical Stability: Stable.
Possibility of Hazardous reactions: Hazardous reactions will not occur.
Conditions to avoid: Temperatures below freezing. Elevated temperatures may cause containers to swell and burst.
Incompatible materials (Materials to avoid): None that would cause hazardous conditions
Hazardous decomposition products: None are known nor reasonably expected under normal conditions of use, storage or heating.

11 TOXICOLOGICAL INFORMATION

Acute toxicity: Overexposure to the product has not been known to be harmful.
Skin corrosion / irritation: Prolonged or repeated skin contact with this product is not expected to be harmful.
Serious eye damage / irritation: Prolonged overexposure to this product may be uncomfortable.
Respiratory or skin sensitization: None based on testing of structurally similar products
Germ Cell mutagenicity: None based on testing of structurally similar products
Carcinogenicity: None based on testing of structurally similar products
Reproductive toxicity: None based on testing of structurally similar products
Routes of exposure: inhalation (breathing), ingestion (swallowing), eye contact
Inhalation: No data available
Eye contact: Incidental contact may be uncomfortable; contact with large amounts, repeated or prolonged contact may cause redness and tearing due to mechanical irritation.
Skin: Not expected to irritate skin. Repeated exposure may cause build-up of product film on skin.
Ingestion: No data available
Symptoms of overexposure: None based on testing of structurally similar products
Numerical Measures of toxicity: No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity: No data available
Impact on Sewage Treatment Plants: Keep product out of municipal sewage systems, as these utilities are not designed to experience an overload of any industrial chemical

13 DISPOSAL CONSIDERATIONS

Disposal Methods: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal methods must be in compliance with local and federal regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. In the United States, this is not considered to be a hazardous waste, but it may be a violation of the US Clean Water Act or similar legislation in other nations to allow product into waterways or onto soil. The information presented here pertains only to the product as shipped in its intended condition. For unused and uncontaminated product, the preferred option is sending to a licensed, permitted recycler. Dispose of according to local and national regulations.
Container Disposal: Send to recycler. Do not use for potable water.
Physical and Chemical Properties that affect disposal options / special precautions: Landfill Disposal: Waste product may be land filled in a licensed, industrial landfill. Dried product or waste on absorbent may be discarded in regular trash.
Incineration Disposal: Waste product may be burned at an approved incinerator.

14 TRANSPORT INFORMATION

Not regulated as per UN Dangerous Goods Model regulations

15 REGULATORY INFORMATION

National regulations: No chemicals in this product are included in the Water Supply Regulations 1999 of the Department for Environment Food and Rural Affairs of the United Kingdom.
It is against the Clean Water Act regulations of the US EPA to allow this product into the soil or watercourses of the US.

16 ADDITIONAL INFORMATION

Date: January 2009 Previous version date: December 2007
Reason for version update: New document format.
S7 - Keep container tightly closed.
S23 - Do not breathe spray S25 - Avoid contact with eyes.
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