



Material Safety Data Sheet (MSDS)
Hymazol 30 SL

IDENTIFICATION OF THE SUPPLIER:

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PRODUCT IDENTIFICATION:

Common Name: Hymexazol
Trade Name: Hymazol 30 SL
Chemical Name: 5-methyl-3(2H)-isoxazolone (C.A. preferred tautomer)
Chemical Formula: C₄H₅NO₂
Molecular Weight: 99.1

PRODUCT COMPOSITION:

Active Ingredient:	% w/v	CAS #
Hymexazole	30%	[10004-44-1]
Inert ingredient:		
Solvent	Up to 100%	--



FIRE-FIGHTING MEASURES: -

Flammable Properties: Not flammable

Dangers to the presence of fire and explosion: not available

Extinguishing Media: Use water or fire extinguishers.

Measures for protection against fire: be careful not to place the product directly.

FIRST-AID MEASURES:

Inhalation: Move patient to fresh air. Seek medical help

Skin contact: Remove contaminated clothing; wash immediately with soap and water.

Eye contact: Flush with water for at least 15 minutes and seek medical attention if the irritation persists.

Ingestion: Induce vomiting; call your doctor for medical help.

ACCIDENTAL RELEASE:

General and Disposal Keep unauthorized people away. Isolate hazard area. Avoid contact with spilled product or contaminated surfaces.

Land Spill or Leaks Avoid dust formation. Avoid breathing dust. Avoid contact with skin and eyes. Use recommended protective equipment carefully sweeping up spilled material. Place in covered container for reuse or Disposal scrub contaminated area with soap and water. Rinse with water. Use dry absorbent material such as clay granules to absorb and collect wash solution for proper disposal. Contaminated soil may have to be removed and disposed. Do not allow material to enter streams, sewers, or other waterways.



PERSONAL PROTECTION/SAFETY:

It is necessary for workers to wear masks, gloves and boots to protect the contact with his product.

Engineering Controls	Maintain exposure levels below the exposure Limit through the use of general and local exhaust ventilation.
Eye/Face Protection	Tightly fitting safety goggles.
Hand Protection	Suitable chemical resistant gloves.
Body Protection	Wear long-sleeved shirt and long pants and shoes plus socks.
Respiratory Protection	When respirators are required, select NIOSH approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industry recommendations.
General Protection	Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep wash PPE separately from other laundry. Educate and train employees in safe use of the product, follow all label instructions.

HANDLING AND STORAGE:

The product should be stored in their original containers and is stable when stored under a dark and cool environment for at least three years.



PHYSICAL AND CHEMICAL PROPERTIES:

Physical State:	liquid brown - yellowish transparent
Temperature characteristics:	melting point 86-87 ° C (technical) Boiling point 202 + 2 ° C (technical)
Solubility in water:	85 g / l at 25 ° C (technical)
Solubility in Acetone:	> 750 g / l (technical)
Solubility in n-hexane:	14 gr / lt (technical)
Solubility in methanol:	> 750 g / l (technical)
Solubility in ethyl acetate:	425 g / l (technical)
Vapor Density:	1333 x 10 ⁻³ hPa (technical)
Density:	1.2 kg / liter
PH:	ca, 9.0

ECOLOGICAL INFORMATION:

Bees	LD 50 > 100 mg / bee (oral and contact 48 hours)
Birds:	Duck meshing LD 50 > 2000 mg / kg (m, f) Japanese quail LD 50 > 1085 mg / kg (m, f)
Fish:	Rainbown trout TLm 460 mg / L (96 hours)
Soils:	Hymexazol treated soils are easily decomposed by soil microbes, the half-life are a short (12 to 21 days.)

TOXICOLOGICAL INFORMATION: -

Acute Oral LD50	5095.67 mg / kg in rats (m) 4342.94 mg / kg in rats (f) > 5000 mg / kg in mice (m,f)
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Acute Dermal LD 50	> 2000 mg / kg in rats (m,f)
Eye irritation:	Moderately irritating
Skin Irritation:	Mildly irritating
Skin sensitization:	Negative
Acute Inhalation LC50 (4 hours)	> 0.65 mg / L (m, h) (technical)
Subchronic toxicity:	Not available
Carcinogenicity / chronic:	Not available
Mutagenicity:	
Ames test:	Not available
Test of bacteria DNA repair:	Not available
Cromosomitas Aberration Test	
In Vitro:	Not available
Teratogenicity in rats and rabbits:	Not available
Reproduction:	Not available
Symptoms of poisoning:	Not available, because there have been no cases of poisoning

DISPOSAL CONSIDERATIONS:

Do not contaminate water or edible material. The use of an incinerator to burn. Waste from this product is dependent on local laws and regulations.

TRANSPORT INFORMATION:

Class: 6.1
UN No.: 2588;
Symbol: Xn;Xi

