



United Phosphorus, Inc.

NFPA	PPE		

Issued Date 07/23/2007

Date de révision 01/13/2009

Numéro de révision 4

1. IDENTIFICATION DE LA SUBSTANCE/PREPARATION ET DE LA SOCIETE/ENTREPRISE

UPI
 630 Freedom Business Center
 Suite 402
 King of Prussia, PA 19406

Téléphone en cas d'urgence
 Chemtrec: (800) 424-9300 (24hrs) or (703) 527-3887
 Medical: Rocky Mountain Poison Control Center
 (866) 673-6671 (24hrs)

Company Information
 UPI

Contact Information
 Customer Service
 R&D Technical Service

Phone Number
 1-800-438-6071
 610-878-6100

Available Hrs
 8:00 am to 5:00 pm EST
 8:00 am - 5:00 pm (EST)

Product Name UP-Cyde 2.5 EC
EPA Reg # 70506-20
Utilisation recommandée insecticide
Product Code 12U-127

2. IDENTIFICATION DES DANGERS

Aperçu des premiers secours
Irritation légère des yeux
May cause reversible skin reaction.

Attention
Aspect jaune.

État physique liquide.

Odeur aromatique.

Effets potentiels pour la santé

- Contact avec la peau

- Contains aromatic hydrocarbons- aspiration hazard

Yeux May cause tearing. .

Peau Skin contact may produce skin sensations such as numbing, burning, or tingling. These sensations are reversible within 12 - 24 hours of onset. .

Ingestion Mild to severe lung injury may occur if material is drawn into the lungs during swallowing, or during vomiting after swallowing. .

3. COMPOSITION/INFORMATION SUR LES COMPOSANTS

Ingredients Name

Nom Chimique	No.-CAS	% en poids	OSHA PEL
cypermethrin technical	52315-07-8	30.6	N/A
Mineral oil	64742-55-8	<30	N/A
Aromatic hydrocarbons		<40	N/A

4. PREMIERS SECOURS

Contact avec les yeux

Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye.
Call a poison control center or doctor for treatment advice.

Contact avec la peau

Take off contaminated clothing.
Rinse skin immediately with plenty of water for 15-20 minutes.
Call poison control center or doctor for treatment advice.

Inhalation

Move person to fresh air.
Call a poison control center or doctor for further treatment advice.
If person is not breathing, call 911 or an ambulance, then give artificial respiration.

Ingestion

Appeler immédiatement un médecin ou un Centre AntiPoison
Ne jamais rien faire avaler à une personne inconsciente
Do not induce vomiting unless told to do so by a poison control center or doctor

Avis aux médecins

Contains aromatic hydrocarbon: Do not induce vomiting due to aspiration hazard, consideration should be given to gastric lavage. Ingestion of large amount might result in central nervous system stimulation.

5. MESURES DE LUTTE CONTRE L'INCENDIE

Flammable Explosive Properties

Point d'éclair

50°C / >122°F

Méthode

Pensky Martin Closed Cup

Température d'auto-inflammabilité

Non offert

Limites d'inflammation dans l'air

Not established

Extinguishing Media

mousse, dioxyde de carbone (CO2) poudre d'extinction.

Fire/Explosion Hazard

des matières combustibles Heated material can form flammable and explosive vapors with air.

Produits de combustion dangereux

Monoxyde de carbone, dioxyde de carbone (CO2), Hydrogen chloride, chlorine, hydrogen cyanide.

NFPA

Santé 2

Inflammabilité 2

Instabilité 0

6. MESURES À PRENDRE EN CAS DE DISPERSION ACCIDENTELLE

Précautions individuelles

Éviter le contact avec la peau et les yeux. Utiliser un équipement de protection individuelle. Enlever toute source d'ignition.

Précautions pour la protection de l'environnement

Keep material out of lakes, streams, ponds and sewer drains. Dike to confine spill and absorb with an absorbant such as clay, sand or soil. . Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits..

Méthodes de nettoyage

Remove all ignition sources. Enlever avec un absorbant inerte (sable, gel de silice, agglomérant pour acide, agglomérant universel, sciure). Balayer et déposer avec une pelle dans des réceptacles appropriés pour l'élimination.

7. MANIPULATION ET STOCKAGE

Manipulation

Keep out of reach of children. Porter un équipement de protection individuel. Éviter le contact avec la peau et les yeux. Ne pas manger, boire ou fumer en manipulant ce produit. Tenir à l'écart de toute flamme ou surface chaude. Enlever et laver les vêtements contaminés avant réutilisation.

Stockage

Stocker dans un endroit frais/bien ventilé. Store in an area where cross-contamination with pesticides, fertilizers, food or feed could not occur. .

8. CONTRÔLE DE L'EXPOSITION/PROTECTION INDIVIDUELLE

Limites d'exposition

Mesures d'ordre technique Investigate engineering techniques to reduce exposures. Local mechanical exhaust ventilation is preferred. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems. .

Équipement de protection individuelle

Protection des yeux/du visage Where there is potential for eye contact have eye flushing equipment available.. Use eye protection to avoid eye contact. .

Protection de la peau et du corps Porter des gants/des vêtements de protection.

Protection respiratoire Where airborne exposure is likely, use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Full facepiece equipment is recommended and, if used, replaces need for face shield and/or chemical goggles. If exposures cannot be kept at a minimum with engineering controls, consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure, use an approved full face positive-pressure, self-contained breathing apparatus. Respiratory protection programs must comply with 29 CFR 1910.134. .

Mesures d'hygiène

Ne pas manger, boire ou fumer en manipulant ce produit. Porter des gants appropriés et un appareil de protection des yeux/du visage. Se laver les mains et le visage avant les pauses et immédiatement après manipulation du produit. Enlever et laver les vêtements contaminés avant réutilisation.

9. PROPRIÉTÉS PHYSIQUES ET CHIMIQUES

Aspect	jaune	Odeur	aromatique
État physique	liquide	pH	4.71
Point/intervalle d'ébullition	Non offert	Point/intervalle de fusion	Non offert
Densité	0.971	Solubilité	Emulsifies
Vitesse d'évaporation	Non offert	Pression de vapeur	Non offert
Densité de vapeur	Non offert	Teneur en COV	Not available
Viscosité	Non offert	Poids moléculaire	8.095 lb/gal
Masse volumique apparente	donnée non disponible	Percent Solids	Not available
Percent Volatiles	Not available		

10. STABILITÉ ET RÉACTIVITÉ

Stabilité	Stable dans les conditions recommandées de stockage
Conditions à éviter	Chaleur, flammes et étincelles
Matières à éviter	Pas de matières à signaler spécialement
Produits de décomposition dangereux	Monoxyde de carbone. dioxyde de carbone (CO2). hydrogen cyanide. Hydrogen chloride. chlorine.
Possibility of Hazardous Polymerization	Néant dans des conditions normales de traitement

11. INFORMATIONS TOXICOLOGIQUES

Toxicité aiguë

Informations sur le produit

Up-Cyde 2.5 EC

Acute oral LD50: 355 mg/kg

Acute dermal LD50: > 2,000 mg/kg (rabbit)

Acute inhalation LC50: >2.02 mg/L (4 hr rat)

Eye and skin irritation: Moderately irritating

Dermal sensitization: Not a sensitizer

Signs of toxicity in laboratory animals included hypertonicity, ataxia, lethargy, convulsions, gasping, salivation, dyspnea and alopecia.

Toxicité chronique

Cancérogénicité

Cypermethrin: In animal studies cypermethrin did not cause reproductive toxicity, teratogenicity, neurotoxicity or carcinogenicity in male and female rats and male mice. Cypermethrin caused an increase in benign lung tumors in female mice at 1600 ppm in the diet. The EPA concluded on a weight of evidence approach that cypermethrin represents a low oncogenic potential to female mice at this dose level (approximately 228 mg/kg/day). Liver enlargement is often noted in laboratory animals that have ingested large doses of cypermethrin in their life span. An overall absence of genotoxicity has been demonstrated in tests of mutagenicity, DNA damage and chromosome aberrations. .

12. INFORMATIONS ÉCOLOGIQUES

Écotoxicité

Cypermethrin:

Is rapidly degraded in soil with a half life of 2-4 weeks. It is readily hydrolyzed under basic conditions; hydrolysis half-life period can be 20-29 days. Cypermethrin has a high affinity for organic matter and a Log Pow of 5.0; yet, because of the ease with which the material undergoes degradation, it has very low potential for bioconcentration (BCF= 17), and it is not mobile in soil.

Cypermethrin is considered extremely toxic to fish and aquatic arthropods, and has LC50 values which range from 0.004 ug/L to 3.6 ug/L. The aquatic arthropods tended to be some of the more sensitive species. Care should be taken to avoid contamination of the aquatic environment. Cypermethrin is slightly toxic to birds and oral LD50 values are greater than 10,248 mg/kg. .

13. CONSIDÉRATIONS RELATIVES À L'ÉLIMINATION

Déchets de résidus / produits non utilisés

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal law. If the wastes cannot be disposed of by use or according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. . Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. Do not apply directly to wetlands or water..

Emballages contaminés Empty containers may contain hazardous residues. Containers should be handled as instructed by following all container disposal directions .

14. INFORMATIONS RELATIVES AU TRANSPORT

DOT When shipped domestically by highway in non-bulk containers this product can be shipped as not regulated.
Polluant marin When shipped in bulk use IMDG shipping description
 This product contains a chemical which is listed as a severe marine pollutant according to DOT.

ICAO
No ONU UN1993
Nom d'expédition Liquide inflammable, n.s.a (aromatic hydrocarbon)
Classe de danger 3
Groupe d'emballage III

IATA
No ONU UN1993
Nom d'expédition Liquide inflammable, n.s.a (aromatic hydrocarbon)
Classe de danger 3
Groupe d'emballage PG III
ERG Code 3L

IMDG/IMO
Nom d'expédition Liquide inflammable, n.s.a (aromatic hydrocarbon)
Classe de danger 3
No ONU UN1993
Groupe d'emballage PG III
No EMS F-E,S-E
Dispositions spéciales 223, 274, 330, 944, 955
Polluant marin This product contains a chemical which is listed as a severe marine pollutant according to IMDG/IMO (Cypermethrin)

15. INFORMATIONS RÉGLEMENTAIRES

Inventaires internationales

cypermethrin technical	
EINECS/ELINCS	Listed
La Chine	Listed
KECL	Listed
Mineral oil	
DSL	Listed
EINECS/ELINCS	Listed
La Chine	Listed
KECL	Listed
Aromatic hydrocarbons	
DSL	Listed

cypermethrin technical

EINECS/ELINCS	Listed
La Chine	Listed
KECL	Listed

Les USA

Réglementations fédérales des Etats-Unis

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and and Title 40n of the Code of Federal Regulations, Part 372.

Classification de danger SARA 311/312

Risque chronique pour la santé	non
Risque aigu pour la santé	oui
Risque d'incendie	oui
Risque d'échappement soudain de la pression	non
Reactive Hazard	non

Clean Water Act

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any HAPs.

CERCLA

RCRA

Pesticide Information

Réglementations des Etats

California Proposition 65

This product does not contain any Proposition 65 chemicals.

State Right-to-Know

Nom Chimique	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
cypermethrin technical	Listed.				
Mineral oil	Listed.				

International Regulations

Mexico - Grade Non offert

Canada

Ce produit a été classé conformément aux critères de risque du règlement sur les produits contrôlés (CPR) et la fiche signalétique comprend tous les renseignements requis par le CPR.

Classes whmis de danger:

indéterminé

16. AUTRES INFORMATIONS

Date de révision 01/13/2009

Sommaire de la révision

Update section 15

UPI, Inc. believes that the information and recommendations contained herein (including data and statements) are accurate as of the date hereof. NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY, OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED HEREIN. The information provided herein relates only to the specific product designated and may not be valid where such product is used in combination with other materials or in any process. Further, since the conditions and methods of use are beyond the control of UPI, Inc. UPI, Inc. expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information.

Fin de la Fiche de Données de Sécurité