

PRODUCT NAME: NEUTRAZENE MALODOR COUNTERACTANT

I. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	: Neutrazene Malodor Counteractant	Product Number: 325
PRODUCT USE	: Water based odour neutralizer concentrate	
MANUFACTURER	: Pioneer Eclipse Corp.	
P.O.BOX	: 909	
ADDRESS	: 1 Eclipse Road, Sparta, North Carolina, 28675, USA	
PHONE	: +1 336 372 8080	

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation: Preparation

INFORMATION ON HAZARDOUS INGREDIENTS

Chemical Name	Einecs No.	Weight %	CAS No.	Symbol	R phrases *
Limonene	227-813-5	0.1-< 1	5989-27-5	Xi(irritant) N (Dangerous for the environment)	R10, R38, R43, R50-53

*see section 16 for the full text of relevant R phrases

3. HAZARDS IDENTIFICATION

Physical/chemical hazards: No physical or chemical hazards have been reported or are known.
Human health hazards: This product is not dangerous according to the EU regulations 67/548/EEC-1999/45/EC).
Environmental hazards: On the basis of available information, this material/preparation is not expected to produce any significant adverse environmental effects when used as directed.

4. FIRST AID MEASURES

EFFECTS AND SYMPTOMS

Inhalation: None known
Ingestion: None known
Skin contact: May be mildly irritating
Eye contact: May be mildly irritating

FIRST AID MEASURES

Inhalation: No specific measures required
Ingestion: No specific measures required
Skin contact: Immediately wash off with plenty of water. If irritation develops, get medical attention.
Eye contact: Immediately wash out with water. If irritation develops, get medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing media: Dry chemical, water spray, foam, carbon dioxide
Hazardous combustion products: None
Unusual fire and explosion hazards: Materials can splatter above 100°C/212°F.
Special fire fighting procedures: None

PRODUCT NAME: NEUTRAZENE MALODOR COUNTERACTANT**6. ACCIDENTAL RELEASE MEASURES**

Small spills: Absorb spill on inert material (e.g. sand, earth) and dispose of as waste material in accordance with national and regional provisions.

Large spills: Keep spectators away. Floors may be slippery; use care to avoid falling. Dike and contain spill with inert material (e.g. sand, earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal. Keep spills and cleaning runoff out of sewers and open bodies of water.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes

Storage: Storage temperature (Max. 60°C/140°F) (Min. 1°C/34°F). Keep from freezing, product may coagulate. Keep container sealed when not in use. Keep out of reach of children.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure limit values: None established

Exposure controls: No special ventilation requirements. Ensure adequate general ventilation.

OCCUPATIONAL EXPOSURE CONTROLS

Respiratory protection: No specific personal protection is required.

Hand protection: Rubber gloves recommended

Eye protection: Safety glasses recommended

Skin protection: If major exposure is possible, wear suitable protective clothing such as rubber boots, apron, etc.

Environmental exposure controls: No specific environmental exposure controls required.

9. PHYSICAL AND CHEMICAL PROPERTIES**GENERAL INFORMATION**

Appearance: Clear blue liquid

Odour: Floral

IMPORTANT HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION

pH: 6.75 to 7.25

Flash point: None

Oxidizing properties: Not an oxidizer

Relative density: 1.017 kg/l @ 20°C

Partition coefficient (n-octanol/water): Not determined

Vapour density: Greater than air

Other information: N/A

Boiling point/boiling range: 100°C

Explosive properties: None

Vapour pressure: Less than water

Solubility: 100% soluble in water

Viscosity: < 5 CPS @ 20°C

Evaporation rate: Less than water

10. STABILITY AND REACTIVITY

Conditions to avoid: None known

Materials to avoid: None known

Hazardous decomposition products: None known

PRODUCT NAME: NEUTRAZENE MALODOR COUNTERACTANT**11. TOXICOLOGICAL INFORMATION****COMPONENT SUMMARY**LimoneneLD₅₀ oral (Rat) >5000 mg/kg; acute dermal LD₅₀ (rabbit) >5000 mg/kg**Potential Health Effects****Eye:** Causes eye irritation. Causes redness and pain.**Skin:** Causes skin irritation. Causes redness and pain.**Ingestion:** Harmful if swallowed.**Inhalation:** May cause nose, throat and respiratory tract irritation.**Chronic:** May cause drying, defatting and dermatitis of skin.**CARCINOGENICITY:** Not expected to occur.**PREPARATION SUMMARY****Acute Toxicity:** LD₅₀ estimated to be greater than 5000 mg/kg**LOCAL EFFECTS****Skin contact:** Irritating to skin upon repeated or prolonged contact.**Eye contact:** Slightly irritating**Sensitization:** None known**Chronic effects:** None known**SPECIFIC EFFECTS****Carcinogenicity:** None known**Reproductive effects:** None known**Teratogenicity:** None known**Mutagenicity:** None known**12. ECOLOGICAL INFORMATION****COMPONENT SUMMARY**Limonene96 hour LC₅₀ fathead minnow: 702 mg/l (flow-through)**PREPARATION SUMMARY****Ecotoxicity:** This preparation is highly soluble in water. Limited toxicity tests and models indicate this preparation should exhibit low toxicity to aquatic organisms.**Environmental fate:** This preparation will biodegrade relatively rapidly in both soil and water, and will not persist in the environment. Due care should be taken to avoid accidental releases to aquatic or terrestrial systems.**Bioaccumulation:** Because of this preparation's high solubility and rapid biodegradability, it is unlikely that bioaccumulation will occur in aquatic or terrestrial systems. Models estimate that this material will preferentially partition to water versus air or soil. Based on available information, this preparation is not expected to produce any significant adverse environmental effects when used as directed.**13. DISPOSAL**

Disposal of this material should be in accordance with local, regional, and national regulations.

PRODUCT NAME: NEUTRAZENE MALODOR COUNTERACTANT**14. TRANSPORT INFORMATION****INTERNATIONAL TRANSPORTATION REGULATIONS:**

This product is not classified for transportation under ADR/IMDG regulations.

UN number: not applicable**Packing group:** not applicableLAND-ROAD/RAILWAY**Proper shipping name:** not applicable**ADR/RID class:** not applicable**ADR/RID item number:** not applicableSEA**Proper shipping name:** not applicable**IMDG class:** not applicableAIR**Proper shipping name:** not applicable**ICAO class:** not applicable**Medical First Aid Guide (MFAG):** not applicable**Emergency Schedules (EmS):** not applicable**Marine Pollutant:** none**15. REGULATORY INFORMATION****NATIONAL REGULATIONS:** No additional national regulations are known to the supplier.**EU REGULATIONS****EU Classification:** Classified as non-hazardous according to current legislation (67/548/EEC, 1999/45/EC).**Risk phrases:** See section 16.**Safety phrases:** S2- Keep out of the reach of children.

S24-Avoid contact with skin.

S37-Wear suitable gloves.

S61-Avoid release to the environment.

EINECS Status: All ingredients are included in the EINECS inventories.**CANADA CPR Status:** This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all the information required by the *Controlled Products Regulations*.**16. OTHER INFORMATION****Relevant R phrases:**

R10-Flammable.

R38-Irritating to the skin.

R43-May cause sensitization by skin contact.

R50/53-Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Issued by: Genie G Bost, Regulatory Affairs Manager**Revision information:** 21/03/2006, revision conforming to 648/2004/EC