



SAFETY DATA SHEET

Penray need release filter NF2088

SECTION 1 IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: Penray need release filter NF2088
Revision Date: 02/23/06
MSDS Number: NF2088
Common Name: DIESEL COOLING SYSTEM FILTER CONTAINING CHEMICAL PELLETS

Details of Supplier/Manufacturer

Company: Penske Power Systems
Address: 488 Blackshaws Road, Altona North, Victoria 3025
Phone: (03) 9243 9292
Fax: (03) 9243 9271
Website: www.penskeps.com

Emergency Telephone Numbers

All Hours: 1800 625 526
Poisons Information:
Australia: 13 11 26
New Zealand: 0800 764 766

SECTION 2 HAZARDS IDENTIFICATION

Chemical Name	CAS Number	Percent weight
Sodium Nitrate	7632-00-0	35-40%
Sodium Metasilicate	6834-92-0	30-35%
Tolytriazole	29385-43-1	5-10%
Sodium Carbonate	497-19-8	5-10%
Boric Acid	10043-35-3	1- 5%

SECTION 3 COMPOSITION AND INFORMATION ON INGREDIENTS

Route of entry: Skin adsorption, inhalation, eye contact, ingestion
Target organs: None known
Inhalation: No hazard in industrial use
Skin contact: Prolonged contact with skin can cause irritation
Eye contact: Will cause irritation upon contact
Ingestion: Irritating to mouth, throat and stomach. May cause discomfort, nausea, vomiting and diarrhoea.

Carcinogenicity:

Product is not considered a carcinogen by OSHA, NTO or IARC.

Medical conditions:

Pre-existing eye or skin conditions may be aggravated by over- exposure to this product.

SECTION 4 FIRST AID MEASURES

Inhalation: Dust may cause irritation upon contact
Skin contact: Wash area with soap and water. Seek medical attention if irritation persists.
Eye contact: Will cause irritation on contact. Immediately flush eyes with plenty of water for 15 minutes. Seek medical attention.
Ingestion: Do not induce vomiting. Only give conscious victim large amounts of water or citrus juice. Seek medical attention immediately.

SECTION 5 FIRE FIGHTING MEASURES

Flash Point: N/A
Product will not support combustion



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SECTION 6 ACCIDENTAL RELEASE MEASURES

Spill/leak procedures: Notify safety personnel evacuate all unnecessary personnel and provide adequate ventilation. If feasible and without risk, clean-up personnel should stop leak. All clean up personnel should wear proper protective equipment.

Small spills: Clean with inert absorbent and place in recovery drums for disposal.

Larger spills: Dike to prevent further migration of material. Do not release into waterways or sewers. Follow applicable federal and state regulations.

SECTION 7 HANDLING AND STORAGE

Handling Precautions: Wash thoroughly after handling. Do not get in eyes, on skin or on clothing. Do not smoke while using this product. Do not use near excessive heat, sparks or open flame.

Storage Requirements: Store in clean, dry locations away from excessive heat

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Eye wash station and safety shower

Strong general ventilation or local exhaust

Protective Equipment: Eye: Chemical splash goggles with indirect or no ventilation

Skin: Chemical resistant gloves such as nitrile

Respiratory: Organic vapour air purifying respirator if vapours are a nuisance or if the concentrations are above PEL or TLV. Never eat, drink or smoke in the work area.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow tablet

Physical State: Solid

Odor: None

pH: 10

Vapor Pressure:

Vapor Density:

Boiling Point:

Freezing/Melting Point:

Solubility: soluble in water

Spec Grav./ Density: 0.5478

SECTION 10 STABILITY AND REACTIVITY

Stability: Material is stable

Conditions to avoid: Excessive heat and open flame

Materials to avoid (incompatibility): Strong oxidizing agents and reducing agents

Hazardous Decomposition products: Carbon monoxide and Carbon Dioxide

Hazardous Polymerization: Cannot occur

SECTION 11 TOXICOLOGICAL INFORMATION

LD50

Sodium Nitrite: 120 mg/kg (oral)

SECTION 12 ECOLOGICAL INFORMATION

No data

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable state, federal and local regulations.



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SECTION 14 TRANSPORT INFORMATION

Domestic:

Ground-- Consumer Commodity DRM-D

Air-- (IATA) Oxidizing solid, toxic, n.o.s (Contains sodium nitrite), Class 51, UN 3087

PGIII, Limited Quantity

Export:

Ocean-- Not regulated

Air-- (IATA) Oxidizing solid, toxic, n.o.s (Contains sodium nitrite), Class 51, UN 3087

PGIII, Limited Quantity

SECTION 15 REGULATORY INFORMATION

U.S. Federal regulations

OSHA: Considered to be a hazardous material as defined by 29CFR1910.1200

EPA SARA TITLE III

Section 311-312 (40CFR370): If stored in excess of the threshold quantities, this product should be reported as a(n): IMMEDIATE (acute) HEALTH HAZARD

Section 313 (40CFR372) This product does not contains ingredients which are subject to the reporting requirements of SARA 313

SECTION 16 OTHER INFORMATION

CALIFORNIA PROPOSTITION 65: This product does not contain ingredients which are on the current Proposition 65 list.

New Jersey right to know: This product contains following ingredients which are nonhazardous bur are among the top five ingredients in this product:

----CAS#-----

7732-18-5: Water

7631-99-4: Sodium Nitrate

7631-00-0: Sodium Nitrate

1330-43-4: Sodium Tetraborate

Notes:

NG= Not given

BT= Between

<= Less than

>= Greater than

User responsibility; This MSDS provides environmental, health and safety information. This product is to be used in applications consistent with our product literature and container label. Individuals handling this product should be informed to the recommended safety precautions and have access to this MSDS. Please content