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ISSUE DATE: 12/16/2008

MATERIAL SAFETY DATA SHEET

MATERIAL NAME: Pointing Oil-81

PRODUCT USE: see data sheet

CHEMICAL FAMILY: Synthetic Oil

HAZARDOUS IDENTIFICATION

Not concerned by CE mandatory labelling preparations

Adverse human health effects: Does not present any specific hazard if general hygiene rules are respected.

Information on ecological effects: See Section(s)

Physico-chemical hazards: Nothing to refer.

COMPOSITION INFORMATION

Chemical Family: Product with a synthetic oil basis.

Hazardous component(s): According to our knowledge, this product does not contain any hazardous component at a concentration above the limits indicated by the regulations in force at the date of this document.

Contains: Mineral Oil (ELV)

*See Exposure Controls/Personal Protection section for the components with an exposure limit value.

PHYSICAL DATA

Physical State (at 20°C)	Liquid	Color	Blond
PH (State of Delivery)	na	Density (kg/m ³) at 20°C	933
Flash Point (°C)	≥ 144	Auto-Ignition Temperature (°C)	240-420
Decomposition Temperature (°C)	≥ 200	Solubility in H ₂ O	insoluble
Solubility in hydrocarbons	soluble	Kinematic Viscosity (mm ² /s) at 40 °C	3300

FIRE AND EXPLOSION HAZARD DATA

Upper Flammable Limit: 420 °C

Lower Flammable Limit: 240 °C

Auto Ignition Temperature: ≥ 200 °C

Extinguishing Media: In case of fire, use carbon dioxide (CO₂), dry chemicals, foam.



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Special Fire Fighting Procedures: For a powder fire contained in a small area, use a respirator approved for toxic dusts and fumes. For a large fire, fire fighters should use self-contained breathing apparatus.

Specific Hazards: Combustible (see Reactivity Data section)

Special Procedures: Do not breathe fumes. Use water spray/fog for cooling exposed containers.

Protection Against Fire: Use self-contained breathing apparatus when in close proximity to the fire.

REACTIVITY DATA

Stability: Stable in normal storage and use conditions.

Hazardous Reactions:

Conditions to avoid: Temperatures above the flash point and/ or above decomposition point , sparks . Eliminate every possible source of ignition.

Materials to avoid: Strong oxidizing agents

Hazardous decomposition products: carbon monoxide , carbon dioxide, and sulphur products

ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear suitable personal protection equipment (PPE)

Environmental Precautions: Impound/recover large land spill. Prevent entry to sewers and public water supplies.

Recovery: Suck up liquid. If recovery is impossible or if the spillage is too small, absorb with sand or inert absorbent.

Decontamination/Cleaning: Clean the ground with a mixture of water and cleaning product.

Disposal: Give soiled materials to an approved recuperator. (see disposal section)

FIRST-AID MEASURES

Inhalation: In case of large inhalation of vapors/ fumes or mists, remove the victim to fresh air. Call a physician if needed.

Ingestion: If swallowed, do not induce vomiting. Rinse mouth with water. Call a physician if needed.

Skin Contact: Wash well with soap and water

Eye Contact: In case of eye contact, immediately rinse with clean water for 10-15 minutes.

See an ophthalmologist if necessary.



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TOXICOLOGICAL PROPERTIES

Acute Toxicity:

Ingestion: May cause digestive troubles like : diarrhoea , nausea , vomiting, abdominal pain

Inhalation: High concentration of vapor and/ or mist may cause troubles like irritation of respiratory system.

Skin contact: Not classified as irritant

Eye contact: Not classified as irritant

Sensitization: Not classified sensitizing agent.

Sub-Acute and Chronic Toxicity: Prolonged or repeated skin contact may lead to defatting of the skin and subsequent slight irritation and dermatitis.

Specific Side Effects:

Carcinogenicity: Not classified

Mutagenicity: Not classified

Reproductive toxicity: Not classified

HANDLING AND STORAGE

Handling:

Protective Measures: Provide local exhaust or general room ventilation to minimize dust and/or vapor concentrations

Precautions: Avoid prolonged or repeated contact with skin

Advice: See technical data sheet

Storage:

Technical Indications: An adequate retention system to avoid the pollution of water and ground in the case of accidental spillage.

Storage Conditions: Store sheltered from bad weather

Incompatible Materials: See Reactivity Data

Packing Materials: Keep in original containers



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EXPOSURE CONTROLS/ PERSONAL PROTECTION

Oil Mists:

(France), VME = 1 mg/m³ (CNAM/INRS 2002, France) VME = 5 mg/m³ (ACGIH 1998) VLE = 10 mg/m³

Respiratory Protection: In case of overexposure to vapors/ mist/ aerosols, a respiratory protection may be necessary. For proper selection of respirators see also American National Standard Practices for Respiratory Protection Z88.2-1969.

Hand Protection: Use of gloves (nitrile rubber gloves)

Eye Protection: Safety glasses with side shields or goggles are recommended.

Other Personal Protection: Usual protection entities: safety shoes, overalls.

ECOLOGICAL INFORMATION

Biodegradation: No information is currently available

DISPOSAL CONSIDERATIONS

Disposal: Do not dispose of by means of sinks, drains, ground, water, or in the immediate environment. Compliance with all applicable government safety regulations are required.

Disposal of Packaging: Completely empty packaging before disposal. Compliance with all applicable government safety regulations are required.

PREPARATION INFORMATION

Any questions please call:
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