



# Product Information Sheet

PetroCare® 50

**NOTE: THIS IS NOT A MATERIAL SAFETY DATA SHEET SINCE NONE IS REQUIRED FOR THIS PRODUCT. IT IS PROVIDED FOR EMPLOYEE INFORMATION ONLY.**

## Section 1. Chemical product and company identification

**Trade name** : PetroCare® 50  
**Manufacturer** : Yara North America, Inc  
100 North Tampa Street  
Suite 3200  
P.O. Box 24926  
Tampa, FL 33623  
USA  
Tel: +1 813 222 5700  
Fax: +1 813 875 5735

**Validation date** : 2006-05-09.  
**Print date** : 2006-05-09.  
**Responsible name** : Bill Easterwood  
**In case of emergency** : Additional Product Information: 813-222-5700  
or Chemtrec 24-hours Emergency Resonse: 1-800-424-9300

## Section 2. Composition, information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
No hazardous ingredients.		

## Section 3. Hazards identification

**Physical state** : Liquid.  
**Emergency overview** : Caution!  
MAY BE HARMFUL IF SWALLOWED.  
Do not ingest. Wash thoroughly after handling.

### Potential acute health effects

**Eyes** : Slightly irritating to the eyes.  
**Skin** : Slightly irritating to the skin.  
**Inhalation** : Slightly irritating to the respiratory system.  
**Ingestion** : Harmful if swallowed.  
**Carcinogenic effects** : No known significant effects or critical hazards.  
**Mutagenic effects** : No known significant effects or critical hazards.  
**Reproduction toxicity** : No known significant effects or critical hazards.

See toxicological Information (section 11)

## Section 4. First aid measures

**Eye contact** : Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

**Skin contact** : Wash skin thoroughly with soap and water or use recognized skin cleanser. Get medical attention if irritation occurs. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse.

- Inhalation** : Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if symptoms occur. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

## Section 5. Fire fighting measures

- Flammability of the product** : Non-flammable.
- Products of combustion** : These products are nitrogen oxides (NO, NO<sub>2</sub> etc.). Some metallic oxides.
- Fire-fighting media and instructions** : Use water only in flooding quantities. Do NOT use chemical extinguisher or foam or attempt to smother the fire with steam or sand.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

- Personal precautions** : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

## Section 7. Handling and storage

- Handling** : Avoid prolonged or repeated contact with skin.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area.

## Section 8. Exposure controls, personal protection

- Engineering controls** : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.
- Personal protection**
- Eyes** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.
- Skin** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved.
- Respiratory** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Hands** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

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**Personal protection in case of a large spill** : Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be adequate. Consult a specialist before handling this product.

Consult local authorities for acceptable exposure limits.

## Section 9. Physical and chemical properties

**Physical state** : Liquid.  
**Color** : Colorless.  
**Odor** : Odorless.  
**pH** : 5 to 7 (Conc. (% w/w): 10) [Acidic.]  
**Boiling/condensation point** : 115°C (239°F)  
**Melting/freezing point** : -4°C (24.8°F) Crystallization point  
**Specific gravity** : 1.45 (Water = 1)  
**Density (g/cm<sup>3</sup>)** : 1.4 to 1.5 g/cm<sup>3</sup> (20°C / 68°F)  
**Viscosity** : Dynamic: 6.5 cP  
  
**Solubility** : Easily soluble in cold water, hot water.

## Section 10. Stability and reactivity

**Stability and reactivity** : Stable under recommended storage and handling conditions (see section 7).  
**Incompatibility with various substances** : Extremely reactive or incompatible with the following materials: acids.

## Section 11. Toxicological information

<u>Ingredient name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
PetroCare® 50	LD50	18570 mg/kg	Oral	Rat

**Other toxic effects on humans** : Not considered to be toxic to humans.

## Section 12. Ecological information

**Toxicity of the products of biodegradation** : The product itself and its products of degradation are not toxic.

## Section 13. Disposal considerations

**Waste disposal** : The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Consult your local or regional authorities.

## Section 14. Transport information

<b>Regulatory information</b>	<b>UN number</b>	<b>Proper shipping name</b>	<b>Class</b>	<b>Packing group</b>	<b>Label</b>	<b>Additional information</b>
<b>DOT Classification</b>	Not regulated.	-	-	-		-
<b>TDG Classification</b>	Not regulated.	-	-	-		-

## Section 15. Regulatory information

- HCS Classification** : Not regulated.
- U.S. Federal regulations** : TSCA 8(b) inventory: Water; Calcium Nitrate  
 SARA 302/304/311/312 extremely hazardous substances: No products were found.  
 SARA 302/304 emergency planning and notification: No products were found.  
 SARA 302/304/311/312 hazardous chemicals: Calcium Nitrate  
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Calcium Nitrate: Fire hazard  
 Clean Water Act (CWA) 307: No products were found.  
 Clean Water Act (CWA) 311: No products were found.  
 Clean Air Act (CAA) 112 accidental release prevention: No products were found.  
 Clean Air Act (CAA) 112 regulated flammable substances: No products were found.  
 Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

**SARA 313**

	<u>Product name</u>	<u>CAS number</u>	<u>Concentration</u>
<b>Form R - Reporting requirements</b>	: Calcium Nitrate	10124-37-5	50
<b>Supplier notification</b>	: Calcium Nitrate	10124-37-5	50

SARA 313 notifications must not be detached from the MSDS and any copying and redistribution of the MSDS shall include copying and redistribution of the notice attached to copies of the MSDS subsequently redistributed.

- State regulations** : New Jersey: Calcium Nitrate

## Section 16. Other information

**Hazardous Material Information System (U.S.A.)** :

Health	1
Fire hazard	0
Reactivity	0



- Date of issue** : 2006-05-09.  
**Date of previous issue** : 2005-08-19.  
**Version** : 1.01

Indicates information that has changed from previously issued version.

**Notice to reader**

To the best of our knowledge, the information provided in this Safety Data Sheet is accurate as at the date of its issue. The information it contains is being given for safety guidance purposes and relates only to the specific material and uses described in it. This information does not necessarily apply to that material when combined with other material(s) or when used otherwise than as described herein. Final determination of the suitability of any material is the sole responsibility of the user. All materials may represent unknown hazards and should be used with caution. Yara International ASA disclaims any liability for loss or damage resulting from the use of any data, information or recommendations set out in this Safety Data Sheet.