



# Safety Data Sheet

## SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

### OGA 72017

**Product Use:** Gasoline fuel additive

#### Company Identification

Chevron Oronite S. A.  
79 Rue Anatole France  
92309  
Levallois Perret Cedex  
France

#### Transportation Emergency Response

Australia: Oronite Australia 1 800 009 010  
Asia: ChevronTexaco Emergency Information Centre +(1) 510-231-0623  
Europe: Oronite SA - Gonfreville Plant (33) 2 35 25 55 00  
North America: CHEMTREC (800) 424-9300 or (703) 527-3887  
South America: Chevron Oronite Brasil Ltda (24 hours) 55 11 4478-1200

#### Health Emergency

USA: International collect calls accepted 24 hours (800) 231-0623 or (510) 231-0623

#### Product Information

Technical Information: 01 46 39 36 00

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## SECTION 2 COMPOSITION/ INFORMATION ON INGREDIENTS

COMPONENTS	EC NUMBER	SYMBOL / RISK PHRASES	AMOUNT
Alkaryl polyether amine	Polymer	R53	63 %weight
Branched chain alkaryl hydrocarbon	272-258-4	Xn/R65, R67, N/R51/53	33 %weight
Branched alkanol	Confidential	R18, Xn/R22, Xi/R36/37/38, R67, R52/53	2 %weight
Solvent naphtha (petroleum), heavy aromatic	265-198-5	Xn/R65, R66, R67, N/R51/53	0.7 %weight

The full text of all R-phrases is shown in Section 16.

## SECTION 3 HAZARDS IDENTIFICATION

**CLASSIFICATION:** R67 | N; R51/53 |  
**IMMEDIATE HEALTH EFFECTS**

**Eye:** Not expected to cause prolonged or significant eye irritation.

**Skin:** Contact with the skin is not expected to be harmful.

**Ingestion:** Not expected to be harmful if swallowed.

**Inhalation:** Excessive or prolonged breathing of this material may cause central nervous system effects. Central nervous system effects may include headache, dizziness, nausea, vomiting, weakness, loss of coordination, blurred vision, drowsiness, confusion, or disorientation. At extreme exposures, central nervous system effects may include respiratory depression, tremors or convulsions, loss of consciousness, coma or death.

**DELAYED OR OTHER HEALTH EFFECTS:** Not classified.

**ENVIRONMENTAL EFFECTS:** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### SECTION 4 FIRST AID MEASURES

**Eye:** No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and flush eyes with water.

**Skin:** No specific first aid measures are required. As a precaution, remove clothing and shoes if contaminated. To remove the material from skin, apply a waterless hand cleaner, mineral oil, or petroleum jelly. Then wash with soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse.

**Ingestion:** No specific first aid measures are required. Do not induce vomiting. As a precaution, get medical advice.

**Inhalation:** Move the exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if breathing difficulties continue.

#### SECTION 5 FIRE FIGHTING MEASURES

**FLAMMABLE PROPERTIES:**

**Flashpoint:** (Pensky-Martens Closed Cup) 62 °C (144 °F) Minimum

**Autoignition:** No Data Available

**Flammability (Explosive) Limits (% by volume in air):** Lower: No data available Upper: No data available

**EXTINGUISHING MEDIA:** Use water fog, foam, dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish flames.

**PROTECTION OF FIRE FIGHTERS:**

**Fire Fighting Instructions:** This material will burn although it is not easily ignited. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

**Combustion Products:** Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion.

#### SECTION 6 ACCIDENTAL RELEASE MEASURES

**Protective Measures:** Eliminate all sources of ignition in vicinity of spilled material.

**Spill Management:** Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible and appropriate, remove

contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.

**Reporting:** Report spills to local authorities as appropriate or required.

## SECTION 7 HANDLING AND STORAGE

**Specific Use:** Gasoline fuel additive

**Precautionary Measures:** Do not get in eyes, on skin, or on clothing. Do not breathe vapor or fumes. Wash thoroughly after handling.

**General Handling Information:** The recommended handling temperature is ambient temperature. Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.

**Static Hazard:** Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary but may not, by themselves, be sufficient. Review all operations which have the potential of generating and accumulating an electrostatic charge and/or a flammable atmosphere (including tank and container filling, splash filling, tank cleaning, sampling, gauging, switch loading, filtering, mixing, agitation, and vacuum truck operations) and use appropriate mitigating procedures.

**General Storage Information:** In normal storage conditions, the shelf life of this product is 1 year.

**Container Warnings:** Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### GENERAL CONSIDERATIONS:

Consider the potential hazards of this material (see Section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances. Refer to appropriate CEN standards.

### ENGINEERING CONTROLS:

If user operations generate airborne material, use process enclosures, local exhaust ventilation, or other engineering controls to control exposure.

### PERSONAL PROTECTIVE EQUIPMENT

**Eye/Face Protection:** No special eye protection is normally required. Where splashing is possible, wear safety glasses with side shields as a good safety practice.

**Skin Protection:** No special protective clothing is normally required. Where splashing is possible, select protective clothing depending on operations conducted, physical requirements and other substances in the workplace. Suggested materials for protective gloves include: Nitrile Rubber.

**Respiratory Protection:** If exposure to harmful levels of airborne material may occur when working with this material, wear an approved respirator that provides protection, such as: Air-Purifying Respirator for Organic Vapors.

Use a positive pressure air-supplying respirator in circumstances where air-purifying respirators may not provide adequate protection.

No applicable occupational exposure limits exist for this material or its components. Consult local authorities for appropriate values.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Attention: the data below are typical values and do not constitute a specification.**

**Color:** No Data Available  
**Physical State:** Liquid  
**Odor:** Hydrocarbon odor  
**pH:** Not Applicable  
**Vapor Pressure:** No data available  
**Vapor Density (Air = 1):** No data available  
**Boiling Point:** No Data Available  
**Solubility:** Insoluble in water.  
**Freezing Point:** No Data Available  
**Specific Gravity:** 0.938 @ 15°C (59°F)  
**Density:** No Data Available  
**Viscosity:** 28 mm<sup>2</sup>/s @ 40°C (104°F)

## SECTION 10 STABILITY AND REACTIVITY

**Chemical Stability:** This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.  
**Conditions to Avoid:** Open flames, sparks, temperatures above the material flash point.  
**Incompatibility With Other Materials:** May react with strong acids or strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.  
**Hazardous Polymerization:** Hazardous polymerization will not occur.

## SECTION 11 TOXICOLOGICAL INFORMATION

### IMMEDIATE HEALTH EFFECTS

**Eye Irritation:** The eye irritation hazard is based on evaluation of data for similar materials or product components.

**Skin Irritation:** The skin irritation hazard is based on evaluation of data for similar materials or product components.

**Skin Sensitization:** The skin sensitization hazard is based on evaluation of data for similar materials or product components.

**Acute Dermal Toxicity:** The acute dermal toxicity hazard is based on evaluation of data for similar materials or product components.

**Acute Oral Toxicity:** The acute oral toxicity hazard is based on evaluation of data for similar materials or product components.

**Acute Inhalation Toxicity:** The acute inhalation toxicity hazard is based on evaluation of data for similar materials or product components.

## SECTION 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

This material is expected to be toxic to aquatic organisms. The product has not been tested. The statement has been derived from the properties of the individual components.

### MOBILITY

No data available.

#### **PERSISTENCE AND DEGRADABILITY**

May cause long-term adverse effects in the aquatic environment. The product has not been tested. The statement has been derived from the properties of the individual components.

#### **POTENTIAL TO BIOACCUMULATE**

Bioconcentration Factor: No data available.  
Octanol/Water Partition Coefficient: No Data Available

### **SECTION 13 DISPOSAL CONSIDERATIONS**

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by international, country, or local laws and regulations. In accordance with European Waste Catalogue (E.W.C.) the codification is the following: 07 07 99.

### **SECTION 14 TRANSPORT INFORMATION**

The description shown may not apply to all shipping situations. Consult appropriate Dangerous Goods Regulations for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

**ADR/RID Shipping Description:** UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BRANCHED CHAIN ALKARYL HYDROCARBON, PETROLEUM HEAVY AROMATIC SOLVENT NAPHTHA), 9, III, Hazard ID No.90

**ICAO/IATA Shipping Description:** UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BRANCHED CHAIN ALKARYL HYDROCARBON, PETROLEUM HEAVY AROMATIC SOLVENT NAPHTHA), 9, III

**IMO/IMDG Shipping Description:** UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BRANCHED CHAIN ALKARYL HYDROCARBON, PETROLEUM HEAVY AROMATIC SOLVENT NAPHTHA), 9, III

### **SECTION 15 REGULATORY INFORMATION**

#### **REGULATORY LISTS SEARCHED:**

01=EU. Directive 76/769/EEC: Restrictions on the marketing and use of certain dangerous substances.  
02=EU Directive 90/394/EEC: Carcinogens at work.  
03=EU Directive 92/85/EEC: Pregnant or breastfeeding workers.  
04=EU Directive 96/82/EC (Seveso II): Article 9.  
05=EU Directive 96/82/EC (Seveso II): Articles 6 and 7.  
06=EU Directive 98/24/EC: Chemical agents at work.  
07=France INRS, Maladies Professionelles

The following components of this material are found on the regulatory lists indicated.  
Solvent naphtha (petroleum), heavy aromatic 06

#### **CHEMICAL INVENTORIES:**

All components comply with the following chemical inventory requirements: DSL (Canada), EINECS (European Union), IECSC (China), KECI (Korea), PICCS (Philippines), TSCA (United States).

One or more components does not comply with the following chemical inventory requirements: AICS

(Australia), ENCS (Japan).

**COUNTRY REGISTRATION:**

Switzerland: No

**CLASSIFICATION - LABELING:**

Under the criteria of the directive EEC/67/548 (dangerous substances) and EEC/1999/45 (dangerous preparations):

**Symbols:** N - Dangerous for the environment

R67; Vapors may cause drowsiness and dizziness.

R51/53; Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S61; Avoid release to the environment. Refer to special instructions/safety data sheets.

**SECTION 16 OTHER INFORMATION**

**REVISION STATEMENT:** This is a new Material Safety Data Sheet.

**Revision Date:** APRIL 13, 2005

**Full text of R-phrases:**

R18; In use, may form flammable/explosive vapour-air mixture.

R22; Harmful if swallowed.

R36; Irritating to eyes.

R37; Irritating to respiratory system.

R38; Irritating to skin.

R51/53; Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53; Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R53; May cause long-term adverse effects in the aquatic environment.

R65; Harmful: may cause lung damage if swallowed.

R66; Repeated exposure may cause skin dryness or cracking.

R67; Vapors may cause drowsiness and dizziness.

**ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:**

TLV - Threshold Limit Value	TWA - Time Weighted Average
STEL - Short-term Exposure Limit	PEL - Permissible Exposure Limit
CVX - ChevronTexaco	CAS - Chemical Abstract Service Number

Prepared according to the criteria of the directive 2001/58/EC by the ChevronTexaco Energy Technology Company, 100 Chevron Way, Richmond, California 94802.

**The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.**