

Rabbasol

Rabbaflor 8-8-6 Liquid Fertilizer

Material Safety Data Sheet

In accordance with the order 19072006/EG(Reach)

Date issued: 11.02.2010

page 2 of 3

Unusual Fire and Explosion Hazards: Containers exposed to fire may rupture violently
Use water spray to keep exposed containers cool.

V Health Hazards

Primary Route(s) of Entry: Skin, eyes, inhalation, ingestion.

Signs & Symptoms of Exposure

Acute: Eye contact with product solution or spray mist cause irritation or burning Sensation. Prolonged or repeated contact may cause skin irritation. Inhalation of spray mist may irritate the respiratory tract. Ingestion may irritate the gastrotestinal tract, however, product is considered to have low mammalian toxicity.

Chronic: None known

Emergency First-Aid Procedures

Eyes: Immediately flush eyes with large quantities of water for at least 15 minutes. Hold eyelids apart during rinsing to ensure thorough flushing of eye and eyelids with water. Get medical attention if irritation develops.

Skin: Remove any contaminated clothing. Flush affected area with mild soap and water. Get medical assistance if irritation develops. Launder contaminated clothing before reuse.

Inhalation: Remove to fresh air

Ingestion: If victim is conscious, give 2-3 glasses of water to drink and induce vomiting by touching back of throat with finger. Get immediate medical attention.

Notes to Physician: No specific antidote. Treat symptomatically.

Toxicity Information: Persons with existing lesions should use care when using this product.

Positive Teratogen od Mutagen Carcinogen(NTP): No Potential Carcinogen (IARC or OSHA): No

VI Reactivity

Stability: stable

Conditions to avoid: avoid storage temperatures above 100 °C.

Incompatibility: Not known

Hazardous Decomposition Products: Not known

Hazardous Polymerization: Will not occur

VII Disposal Procedures

Waste Disposal Method. Dispose according to state and local guidelines. Triple rinse and puncture containers as required.

VIII Storage and Handling

Precautions: Store in a cool, dry place, out of reach of children and animals

Other Precautions: Practice good care and good safety precautions when handling this product. Avoid contact with eye, skin and clothing. Wash thoroughly after handling.

Rabbasol

Rabbflor 8-8-6 Liquid Fertilizer

Material Safety Data Sheet

In accordance with the order 1907/2006/EG(Reach)

Date issued: 11.02.2010

page 3 of 3

IX Federal Regulatory Information:

According to the rules of the European Community

Symbols of danger: None

Responsibility. This product is not classified according to the legalization of the European Community.

Utilization of the product: The classification and the labelling are accomplished by virtue of the European Directives 67/548/CEE and 1999/45/CE and its amendments

Preparation and distribution of this Material Data Sheet done by Rabbasol Chemie GmbH, Fallerslebenweg 9-13, 42719 Solingen, Germany.

The information contained herein is based on available data. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof; and you should make your investigation to determine safety for the use you contemplate. Rabbasol Chemie GmbH makes no warranty of merchantability of fitness for a particular use, nor is there any other express or implied warranty except as may be specifically provided otherwise on product. Rabbasol Chemie GmbH assumes no responsibility or liability for any incidental or consequential damages whether related to personal injury or property damage, to vendees, users or third parties, caused by the material; and Rabbasol Chemie GmbH's responsibility is limited to replacement of, or repayment of, the purchase price for the material in respect to which any damages are claimed. All vendees or users assume all risk associated with the use of the material.

For further information, contact: Rabbasol Chemie GmbH, Fallerslebenweg 9-13, 42719 Solingen, Germany, Tel. 0049 (0)212312053



Material Safety Data Sheet

The Valvoline Company
Prepared: 02/23/95

Date

Printed: 10/19/99

Date

MSDS No:

505.0297147-001.001I
DORDRECHT ULTRAMAX HLP 68

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: DORDRECHT ULTRAMAX HLP 68

General or Generic ID: PETROLEUM BASED-LUBRICATING OIL

Company

The Valvoline Company
1-800-274-5263
P.O. Box 14000
Lexington, KY 40512
1-606-357-7847

Telephone Numbers

Emergency:

Information:

2. COMPOSITION/INFORMATION ON INGREDIENTS

No Hazardous Ingredients

3. HAZARDS IDENTIFICATION

Potential Health Effects

Eye

May cause mild eye irritation. Symptoms include stinging, tearing, and redness.

Skin

May cause mild skin irritation. Symptoms may include redness and burning of skin.

Swallowing

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

Inhalation

Breathing of vapor or mist is possible.

Symptoms of Exposure

stomach or intestinal upset (nausea, vomiting, diarrhea),
irritation (nose, throat, airways).

Target Organ Effects

No data

Developmental Information

No data

Cancer Information

No data

Other Health Effects

No data

Primary Route(s) of Entry

Inhalation, Skin contact.

4. FIRST AID MEASURES

Eyes

If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

Skin

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Swallowing

Do not induce vomiting. Give one glass of milk or water, and get medical attention immediately. If possible, do not leave victim unattended.

Inhalation

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Note to Physicians

No data

5. FIRE FIGHTING MEASURES

Flash Point

No data

Explosive Limit

(for component) Lower 1.0 %

Autoignition Temperature

No data

Hazardous Products of Combustion

May form: carbon dioxide and carbon monoxide.

Fire and Explosion Hazards

Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively. Dense

smoke may be generated while burning.

Extinguishing Media

regular foam, carbon dioxide, dry chemical.

Fire Fighting Instructions

Water or foam may cause frothing which can be violent and possibly endanger the life of the firefighter. Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

NFPA Rating

Health - 1, Flammability - 1, Reactivity - 0

6. ACCIDENTAL RELEASE MEASURES

Small Spill

Absorb liquid on vermiculite, floor absorbent or other absorbent material.

Large Spill

Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required, that a spill has occurred. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

7. HANDLING AND STORAGE

Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

Storage

Not applicable

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection

Not required under normal conditions of use. However, if misting or splashing conditions exist, then safety glasses or chemical splash goggles are advised.

Skin Protection

Not normally required. However, wear resistant gloves such as nitrile rubber to prevent irritation which may result from prolonged or repeated skin contact with product.. Wear normal work clothing covering arms and legs..

Respiratory Protections

Not required under normal conditions of use. However, if oil mists are generated above recommended PEL/TLV of 5 mg/m³, then a NIOSH/MSHA approved respirator is advised in absence of proper environmental control. (See your industrial hygienist.)

Engineering Controls

Not required under normal conditions of use.
However, if unusual
operating conditions exist, then provide
sufficient mechanical
(general and/or local exhaust) ventilation to
maintain exposure
below PEL/TLV (s).

Exposure Guidelines

No exposure limits established

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point

(for component) 365.0 F (185.0 C) @ 760.00 mmHg

Vapor Pressure

(for component) < .100 mmHg @ 68.00 F

Specific Vapor Density

< 1.000 @ AIR=1

Specific Gravity

.885 @ 60.00 F

Liquid Density

7.360 lbs/gal @ 60.00 F

.885 kg/l @ 15.60 C

Percent Volatiles (Including Water)

No data

Evaporation Rate

No data

Appearance

No data

State

LIQUID

Physical Form

No data

Color

No data

Odor

No data

pH

No data

Viscosity

8.6	cst	@	100 C	
64.0	- 68.0	cst	@	40 C
95.0	ratio			

10. STABILITY AND REACTIVITY

Hazardous Polymerization

Product will not undergo hazardous polymerization.

Hazardous Decomposition

May form: carbon dioxide and carbon monoxide.

Chemical Stability

Stable.

Incompatibility

Avoid contact with: strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

No data

12. ECOLOGICAL INFORMATION

No data

13. DISPOSAL CONSIDERATION

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

14. TRANSPORT INFORMATION

DOT Information - 49 CFR 172.101

DOT Description:
Not Regulated

Container/Mode:
No data

NOS Component:
None

RQ (Reportable Quantity) - 49 CFR 172.101
Not applicable

15. REGULATORY INFORMATION

US Federal Regulations
CERCLA RQ - 40 CFR 302.4
None

SARA 302 Components - 40 CFR 355 Appendix A
None

Section 311/312 Hazard Class - 40 CFR 370.2
Immediate(X) Delayed() Fire()
Reactive() Sudden
Release of Pressure()

SARA 313 Components - 40 CFR 372.65
None

International Regulations
Inventory Status

Not determined

State and Local Regulations

California Proposition 65

None

16. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

Last Page

CEPSA ARGALITIO

Lithium Greases

Description



Applications

- MULTIPLE USE greases prepared for applications in all types of plain bearings and gearing, centralised systems and Tecalemit and Stauffer greasers or by hand for industrial, marine or automotive equipment.
- L-2: General greasing, including gearing, smooth bearings, joints, guide rails, axles, ribbing and shafts etc. It may be employed in centralised and TECALEMIT and STAUFFER etc greasers.
- L-3: General greasing of mechanisms. Because of its grade 3, it is especially recommended in those situations that require a grease consistency that is harder than normal.
- Applications temperatures: -25°C to + 130°C.

Performance

- Greases manufactured with highly refined mineral oil and lithium soap.
- With the necessary additives for guaranteeing good anti-rust, anti-corrosion and anti-oxidant protection.
- They are highly resistant to moisture and practically insoluble in water.

Typical Characteristics

CHARACTERISTICS	ASTM STANDARD	CEPSA ARGALITIO	
		L-2	L-3
Aspect	Visual	Dark brown	Dark brown
NLGI Consistency	D-217	2	3
Soap type	---	Lithium	Lithium
Dropping point °C, min	D-566	190	190
Penetration at 60 strokes, 0.1 mm	D-217	265-295	220-250
Penetration at 10 ⁵ strokes, variation	D-217	-20/+35	-20/+35
Copper corrosion, 24 h at 100 °C	D-4048	1b	1b
Oil separation, % max	D-1742	4	4

Health & Safety and Environment

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures together with environmental effects and disposal of used products.

SAFETY DATA SHEET
BIOACTIVATORPage 1 of 5
Issued: 01/11/2010
Revision No. 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKE

Product name: Bioactivator**CAS number:** N/A**EINECS number:** N/A**Log number:** N/A**Product code:** N/A**Use of substance / preparation:** Waste Water Treatment, anaerobic digesters , pharmaceutical/paper waste treatment plants and oil Remediation. Trace elements (chelated) and seaweed plant extract.**Company name:** Bio Industries Ltd, 66D Heather Road, Sandyford Business Park, Dublin 18, Ireland,

Tel. (+353)12941025, Fax (+353)12941027, Emergency Tel: (+353)12941025

2. HAZARDS IDENTIFICATION

Main hazards: Xn R 22 - Harmful if swallowed
Xi R 38 - Irritating to skin
Xi R 36 - Irritating to eyes

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients: Proprietary Mixture of Selected micro-nutrients, (trace elements)
Seaweed plant extract, in chelated buffered Suspension.

4. FIRST AID MEASURES

Skin contact: Remove any contaminated clothing. Wash the affected area thoroughly with copious amounts of fresh water.**Eye contact:** Wash eyes with flowing water for ten minutes gentle prising open eyelids to ensure efficient washing.

All eye injuries should be seen by a doctor.

Ingestion: Do NOT induce vomiting except in the presence of, or on the orders of a doctor. Seek medical help and take this data sheet. If chemical is confined to the mouth then wash out mouth and do not allow patient to swallow mouth wash.**Inhalation:** Inhalation is not normally a problem because of the low vapour pressure. Treat by normal first-aid procedures.

5. FIRE-FIGHTING MEASURES

Extinguishing media: When mixed with flammable substances apply appropriate procedures: Water Spray, Foam, Carbon Dioxide, and Dry Powder**Exposure hazards:** Non Flammable**Protection of fire-fighters:** Wear protective clothing to prevent contact with skin and eyes.

SAFETY DATA SHEET
BIOACTIVATORPage 2 of 5
Issued: 01/11/2010
Revision No. 1

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: N/A**Environmental precautions:** N/A**Clean-up procedures:** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust) or dilute with water and flush to sewer.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Smoking is forbidden. Use non-sparking tools.**Storage conditions:** Keep containers tightly closed. Keep in properly labelled, containers.**Suitable packaging:** Plastic or stainless steel containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: No**Respiratory protection:** None**Hand protection:** gloves are required, PVC, Rubber or Latex.**Eye protection:** Protective glasses should be worn when handling the concentrated product.**Skin protection:** Protective equipment or clothing is not normally necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance

Physical State: Liquid Suspension**Colour:** Brown**Odour:** Natural**Clarity:** Opaque to Clear

9.2 Safety Related Information

Specific Gravity: 2.0-3**pH:** 4.0-6.0**Percent Volatile:** N /A**Viscosity:** Viscose**Solubility in Water :** Miscible/complete**Boiling Point (deg C):** 110 °C**Melting point/melting range:** NA**Flashpoint:** NA**Flammability (solid, gas) :** Not determined**Autoflammability :** Not determined

SAFETY DATA SHEET
BIOACTIVATORPage 3 of 5
Issued: 01/11/2010
Revision No. 1

Explosive Properties: Not determined
Oxidising properties: Not determined
Vapour pressure: Not determined
Solubility in fat: Not determined
Oil/water partition coefficient: Not determined
Vapour density: (air=1)
evaporation rate (ethyl ether= 1): Not determined
% Volatile: Not determined
Molecular Weight: Not determined

11. TOXICOLOGICAL INFORMATION

Stability: Stable under normal condition
Conditions to avoid: None Known
Materials to avoid: Strong oxidising agents (Chlorine)
Hazardous Decomposition Products: None

Toxicity value(s): ORL RAT LD50 >2000mg/kg
Acute effects: N/A

11. TOXICOLOGICAL INFORMATION (SYMPTOMS)

Skin contact: Wash with water and consult a physician if irritation develops
Eye contact: Flush with water
Ingestion: Do not induce vomiting
Inhalation: No significant effect. See other health hazard information

12. ECOLOGICAL INFORMATION

Persistence and degradability: Readily biodegradable, according to appropriate OECD test
PBT identification: N/A

13. DISPOSAL CONSIDERATIONS

Disposal operations: No special precautions, domestic sewer.
Disposal of packaging: Packaging should be disposed of in accordance with regional and/or national regulations.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR /RID

UN no: No special packaging or labelling requirements
Packing group: No special packaging or labelling requirements
Shipping name: No special packaging or labelling requirements

SAFETY DATA SHEET
BIOACTIVATORPage 4 of 5
Issued: 01/11/2010
Revision No. 1

Labelling: No special packaging or labelling requirements
ADR Class: No special packaging or labelling requirements
Classification code: No special packaging or labelling requirements
Hazard ID no: No special packaging or labelling requirements

IMDG / IMO

UN no: No special packaging or labelling requirements
Packing group: No special packaging or labelling requirements
Labelling: No special packaging or labelling requirements
Class: No special packaging or labelling requirements
EmS: No special packaging or labelling requirements
Labelling: No special packaging or labelling requirements

IATA / ICAO

UN no: No special packaging or labelling requirements
Packing group: No special packaging or labelling requirements
Labelling: No special packaging or labelling requirements
Class: No special packaging or labelling requirements
Packing instructions: No special packaging or labelling requirements

15. REGULATORY INFORMATION

Hazards symbols:

Risk phrases: R36 – Irritating to eyes.
R38 – Irritating to skin

Safety phrases: S24 – Avoid contact with skin.
S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical

S37/39 – Wear suitable gloves and eye/face protection

Note: Ozone depleting chemicals: No ozone depleting chemicals are present or used in manufacture.

EINECS: All ingredients listed or exempt

TSCA: All ingredients listed or exempt

MITI: Not determined

DSL: All ingredients listed or exempt

AICS: All ingredients listed or exempt

(1) According to 93/18/EEC as adapted for the 3rd time to technical progress commission directive 88/379/EEC.

16. OTHER INFORMATION

Other information: This product safety data sheet was prepared in compliance with European directive 91/155 as amended by Directive 2001/58 and on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

SAFETY DATA SHEET
BIOACTIVATOR

Page 5 of 5
Issued: 01/11/2010
Revision No. 1

It is the responsibility of persons in receipt of the product safety data sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, and dispose of or in any way come in contact with the product. If the recipient subsequently produces a formulation containing the product it is the recipient's sole responsibility to ensure the transfer of all relevant information from Product safety data sheet to their own Product safety data sheet in compliance European directive 91/155 as amended by Directive 2001/58

All information and instruction provide in this safety data sheet (SDS) are based on the current state scientific and technical knowledge at the date indicated on the present SDS. Bio-Industries shall not be held responsible for any defect

in the product covered by this SDS should the existence of such defect not be detectable considering the current state of scientific and technical knowledge

Legal disclaimer: N/A



SODIUM CARBONATE, 10% w/v

Company Information

Company's Name: REAGENTS, INC.

Company's Address: P.O. Box 240746, Charlotte, NC 28224; USA

Company's Info Ph #: 704/554-7474, 800/732-8484

Date MSDS Prepared/Revised/Reviewed: 01 September 2010

1. Product Identification

CAS No.: 497-19-8

Molecular Weight: 105.99

Chemical Formula: Na₂CO₃ in water

Product Codes: S-1028

2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	EC No.	Index No.
Sodium carbonate	497-19-8	10%	207-838-8	011-005-00-2
Deionized water	7732-18-5	90%	231-791-2	--

3. Hazards Identification

Emergency Overview: May be harmful if swallowed or inhaled. Causes irritation to skin and respiratory tract. May cause eye burns.

OSHA Hazards: Irritant

Health Rating: 1 – Slight

Flammability Rating: 0 - None

Reactivity Rating: 0 – None

Contact Rating: 1 – Slight

Lab Protective Equip: Goggles, Gloves, Lab Coat

Storage Color Code: Green (general)

Potential Health Effects:

Inhalation: Inhalation of mist/vapor may cause irritation to the respiratory tract. Symptoms from excessive inhalation may include coughing and difficult breathing. Excessive contact is known to cause damage to the nasal septum.

Ingestion: Sodium carbonate is only slightly toxic, but large doses may be corrosive to the gastro-intestinal tract where symptoms may include severe abdominal pain, vomiting, diarrhea, collapse and death.

Skin Contact: Excessive contact may cause irritation with blistering and redness.

Eye Contact: Contact may be corrosive to eyes and cause conjunctival edema and corneal destruction. Risk of serious injury increases if eyes are kept tightly closed. Other symptoms may appear from absorption of sodium carbonate into the bloodstream via the eyes.

Chronic Exposure: Prolonged or repeated skin exposure may cause sensitization.

Aggravation of Pre-existing Conditions: No information found.

4. First Aid Measures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Skin Contact: Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

Note to Physician: Consider endoscopy in all suspected cases of sodium carbonate poisoning. Perform blood analysis to determine if dehydration, acidosis, or other electrolyte imbalances occurred.

5. Fire Fighting Measures

Fire: Not considered a fire hazard.

Explosion: Not considered an explosion hazard.

Fire Extinguishing Media: Water spray, dry chemical, alcohol foam, or carbon dioxide.

Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full-facepiece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

Ventilate area of leak or spill. Keep unnecessary and unprotected people away from area of spill. Wear appropriate personal protective equipment as specified in Section 8. Contain and recover liquid when possible. Do not flush caustic residues to the sewer. Residues from spills can be diluted with water, neutralized with dilute acid such as acetic, hydrochloric or sulfuric. Absorb neutralized caustic residue on clay, vermiculite or other inert substance and package in a suitable container for disposal.

7. Handling and Storage

Protect against physical damage. Store in a cool, dry well-ventilated location. Separate from incompatibles. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product. Material is hygroscopic.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits: None established.

Ventilation System: A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits.

Personal Respirators (NIOSH-Approved): Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.

Skin Protection: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection: Use chemical safety goggles and/or a full face shield where dusting or splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

9. Physical and Chemical Properties

Appearance: Clear, colorless liquid.

Solubility: Miscible

pH: >10

Boiling Point: No information found.

Vapor Density (Air=1): No information found.

Evaporation Rate (BuAc=1): No information found.

Odor: None.

Density: No information found.

% Volatiles by volume @ 21C (70F): 90 (water)

Melting Point: No information found.

Vapor Pressure (mm Hg): No information found.

10. Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products: Carbon oxides, sodium oxides.

Hazardous Polymerization: Will not occur.

Incompatibilities: Fluorine, aluminum, phosphorous pentoxide, sulfuric acid, zinc, lithium, moisture, calcium hydroxide and 2,4,6-trinitrotoluene. Reacts violently with acids to form carbon dioxide.

Conditions to Avoid: Incompatibles.

11. Toxicological Information

Sodium Carbonate: Oral rat LD₅₀: 4090 mg/kg; inhalation rat LC₅₀: 2300 mg/m³/2H; irritation eye rabbit: 50 mg severe; investigated as a mutagen, reproductive effector. No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP, OSHA, IARC or ACGIH.

12. Ecological Information

Environmental Fate: No information found.

Environmental Toxicity: For sodium carbonate: LC₅₀ *Lepomis macrochirus* (bluegill): 300mg/l/96 hr; EC₅₀ *Daphnia magna* (water flea): 265mg/l/48 hr.

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Not regulated.

15. Regulatory Information

OSHA Hazards: Irritant.

TSCA: All components are listed.

SARA 302 Components: None.

SARA 313 Components: None.

SARA 311/312 Hazards: Acute Health Hazard.

CERCLA Hazardous Substance: None.

Clean Air Act: This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.

Clean Water Act: Not listed as a Hazardous Substance under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA.

Massachusetts Right To Know Components: None.

Pennsylvania Right To Know Components: Sodium carbonate, CAS No. 497-19-8; Water, CAS No. 7732-18-5

New Jersey Right To Know Components: Sodium carbonate, CAS No. 497-19-8; Water, CAS No. 7732-18-5

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

DSL Status: All components of this product are on the Canadian DSL list.

16. Other Information

NFPA Ratings: Health: 1 Flammability: 0 Reactivity: 0

Product Use: Laboratory Reagent.

Disclaimer: Reagents, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. Reagents, Inc. makes no representations or warranties, either express or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers.

Accordingly, Reagents, Inc. will not be responsible for damages resulting from use of or reliance upon this information.

Safety Data Sheet

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Material Name : Shell Mysella S5 S 40
Product Code : 001E7186

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product Use : Engine oil.

Uses Advised Against : This product must not be used in applications other than those recommended in Section 1, without first seeking the advice of the supplier.

1.3 Details of the Supplier of the safety data sheet

Manufacturer/Supplier : Spinerg - Soluções para Energia, SA
R. Dr. António Loureiro Borges, 9 - 5º
Arquiparque - Miraflores
1495-131 ALGÉS

Telephone : + 351 214 200 400
Fax : + 351 214 200 401
Email Contact for Safety Data Sheet : csc-empresas@spinerg.com

1.4 Emergency Telephone Number

: Spinerg: + 351 214 200 400
CIAV: 808 250 143

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

67/548/EEC or 1999/45/EC	
Hazard Characteristics	R-phrases(s)
Not classified as dangerous under EC criteria.;	

Sensitiser not sufficient to classify : Contains calcium sulphonate. May produce an allergic reaction.