

AGRI 50™

MATERIAL SAFETY DATA SHEET

SECTION 1 Chemical product and Company identification

Product Name: AGRI 50™

Chemical name: Non-Ionic Surfactant

Chemical Formula: N/a

Product Use: Pesticide

Supplier: SINERIA HOLLAND BV
Randwycksingel 20-A015
6229 EE Maastricht The Netherlands
www.sineria.com

SECTION 2 Composition/Information on Ingredients

<u>Product Name</u>	<u>Chemical Type</u>
AGRI 50™	Non-Ionic Surfactant

SECTION 3 Hazards Identification

Inhalation: short term exposure: this product is not harmful. However, this product may be mildly irritating, but is unlikely to cause anything more than mild transient discomfort.

Skin contact: short term exposure: this product is not harmful. It should present no hazards in normal use. In addition, this product is a skin irritant. Symptoms may include itchiness and reddening of contacted skin. Other symptoms may also become evident, but all should disappear once exposure has ceased.

Eye contact: short term exposure: this product is not harmful. If exposure is brief, symptoms should disappear once exposure has ceased. However, lengthy exposure or delayed treatment may cause permanent damage.

Ingestion: short term exposure: this product is not harmful. This product is unlikely to cause any irritation problems in the short or long term.

Stability: Stable under most conditions

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide **Hazardous polymerization:** Does not occur.



SECTION 4 First Aid Measures

Eye Contact: Can cause eye irritation and possible corneal injury. Immediately flush eyes with copious amounts of water for at least 15 minutes and get medical attention.

Skin Contact: Immediately wash with soap and water. It is believed that the product is non-irritating to the skin. If skin irritation occurs, consult a physician.

Ingestion: May cause gastro-intestinal irritation or nausea. Do not induce vomiting. Get immediate medical attention.

Inhalation: Move person to an area of fresh air and give artificial respiration if necessary. If breathing difficulty persists, get immediate medical attention.

SECTION 5 Fire Fighting Measures

Flash point: > ~ 212 F (100 °C) Non Flammable

Extinguishing Media: Alcohol foam, carbon dioxide, dry chemical, or water spray. Wear protective clothing.

Dike to prevent any material from entering drains or sewers or contaminating the environment. Evacuate people downwind from the fire. Wear self-contained breathing apparatus. Fumes and/or vapors may be toxic if inhaled or contacted by the skin.

SECTION 6 Accidental release measures

Dike to prevent entering drains, sewers, streams, ponds, etc. Dispose of the material as required by local, state and federal regulations.

SECTION 7 Handling and storage

Keep out of reach from children. Store in a cool place away from any heat source, sparks or open flame. Empty containers retain residue and can be dangerous. Containers should be emptied and cleaned by triple rinsing or the equivalent before recycling, sanitary landfill, or incineration. All containers should be disposed in a manner as regulated by governmental laws. Ecotoxicity: This product may be toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

SECTION 8 Exposure controls/Personal protection

The employee must wear protective clothing and related safety equipment. Good ventilation should be sufficient for most conditions. Positive-pressure self contained breathing apparatus should be used for confined spaces and high exposure operations. The employee should shower at the end of the workday. The employee must wear clean clothes every day or after a spill if the clothes become contaminated. Always wash

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hands and face with soap and water prior to eating, drinking, smoking or using toilet facilities. It is best not to wear contact lenses but use safety prescription glasses.

SECTION 9 Physical & Chemical properties

APPEARANCE: a translucent amber liquid ODOR: slight chemical odor

SOLUBILITY: completely miscible with water PH: 3.9-4.3

WT / GALLON: 8.5 lbs/gallon

FREEZE POINT: ~ 25 °F (-4 °C)

BOILING POINT: ~ 208 °F (98 °C)

RELATIVE DENSITY: 1.038 g/mL at 25 °C VISCOCITY: 290 cPs @ 25 °C

SECTION 10 Stability & Reactivity

Stability: Stable under normal condition.

Hazardous Polymerization: Will not occur.

Incompatibilities: Will not occur.

Instability: Not Known.

SECTION 11 Toxicological Information

TOXICITY DATA:

- Acute oral: rat LD50 > 5.0 g/kg; practically non-toxic
- Acute dermal: rabbit LD50 > 2.0 g/kg; practically non-toxic
- Acute inhalation: rat LC50 > 2.06 mg/L of air for a 4 hour period; practically non-toxic
- Acute eye irritation: 13.17/110.0; positive eye irritation (EPA Toxicity Category III)
- Acute dermal irritation: rabbit, non-irritating (EPA Toxicity Category IV)
- Dermal sensitization: guinea pig, sensitization not induced

Chronic Toxicity Studies

Carcinogenicity: Not found

Mutagenicity: Not found

Reproduction: Not found

SECTION 12 Ecological Information

Toxicity to Bird and bee: Low toxic to birds and bee

Toxicity to Fish: LC₅₀ (96hours) for trout > 2000mg/L, low toxic to fish.



SECTION 13 Disposal Considerations

Dispose of in a manner consistent with country, state, and local regulations. Do not reuse container without permission.

SECTION 14 Transport Information

AGRI 50™ has not been listed by IMO as a dangerous material. The detail of IMCO is not available.

SECTION 15 Regulatory Information

None

SECTION 16 Other Information

The information contained in the Material Safety Data Sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as a warranty or as a specification. The information relates only to the product specified and may not be suitable for use with other materials or in processes other than those specifically described herein.

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