

MSDS – Material Safety Data Sheet

LAST REVISED: 07.12
MSDS NO.: ACAF 65

SULFOSOIL

1. IDENTIFICATION OF THE SUBSTANCE

Product Identification: Yellow Suspension
Use: Agriculture
UN No: 1350

Supplier: Ag-Chem Africa (Pty) Ltd
288 Mundt Street
Waltloo
012 - 803 0145

Emergency number: 012 - 803 0145

Poison Centre: Griffon Poison Information Centre
(24 Hour Poisoning Emergency Helpline)
082 446 8946

2. COMPOSITION/INFORMATION ON INGREDIENTS

Composition: Sulfur (S) 800 g/l

3. HAZARDS IDENTIFICATION

Emergency Overview

- May cause eye irritation
- Harmful if swallowed

Potential Health Effects

Inhalation:

Irritating to the respiratory system.

Ingestion:

Harmful if swallowed.

Skin Contact:

May cause irritation to the skin.

Eye Contact:

Causes mild irritation to eyes.

Chronic Exposure:

No information found.

Aggravation of Pre-existing Conditions:

No information found.

4. FIRST AID MEASURES

Inhalation:

Remove to fresh air. If not breathing gives artificial respiration. If breathing is difficult, give oxygen. Do NOT give mouth-to-mouth resuscitation if victim ingested or inhaled the substance. Keep person at rest and warm. Treat symptomatically and supportively as and when required. Obtain medical advice if necessary.

Ingestion:

Have victim rinse mouth thoroughly with water. Give water to dilute the material if victim is alert and not convulsing. Induce vomiting immediately as directed by medical personnel. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomits, rinse mouth and administer more water. Never give anything by mouth to an unconscious person. Qualified medical personnel should perform administration of oxygen. Seek medical advice if necessary.

Skin Contact:

Remove any contaminated clothing. Wash skin with soap or mild detergent and water for at least 15 minutes. Get medical attention if irritation develops or persists. Wash clothing before re-use.

Eye Contact:

Immediately flush eyes with lukewarm water or saline solution for at least 15 minutes, lifting lower and upper eyelids occasionally. Check for and remove any contact lenses after 5 minutes. Get medical attention if necessary.

5. FIRE FIGHTING MEASURES

Fire:

Not considered to be a fire hazard. Some could burn, but none ignite readily.

Fire Extinguishing Media:

Extinguish small fires with carbon dioxide, dry powder or alcohol-resistant foam. Water spray or fog can be used for larger fires or cooling of unaffected stock.

Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full-face piece operated in the pressure demand or other positive pressure mode. Fire may produce irritating or poisonous vapours, mists or other products of combustion.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8.

Small Spills: Absorb with sand or other non-combustible absorbent material and put in a suitable container for reclamation or disposal.

Large Spills: Dyke far ahead of liquid spills for later disposal. Prevent entry of the substance into waterways, sewers, basements or confined areas.

7. HANDLING AND STORAGE

Handling:

Wear appropriate personal protective equipment (see Section 8). Avoid contact with eyes. Do not get on clothing. Wash thoroughly after handling the product and change clothes. Do not eat, drink or smoke while handling the product. Keep out of reach of children and uninformed persons. Observe all warnings and precautions listed for the product.

Storage:

Store in a closed, original container in a cool, well-ventilated area. Store away from heat, sparks and other sources of ignition. Do not contaminate water, food or feed by storage or disposal. Protect against physical damage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation system:

In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

Skin Protection:

Wear suitable personal protective equipment including gloves and overalls.

Eye Protection:

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

Exposure Limits:

ACGIH	:	None listed
NIOSH	:	None listed
OSHA Final PEL	:	None listed
OSHA Vacated PEL	:	None listed

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Yellow suspension
Odour:	Pungent odour
Solubility:	Completely soluble in water
Density:	1.40
pH:	6.2 – 6.5
Boiling Point:	> 100 °C

10. STABILITY AND REACTIVITY

Stability:	Stable under ordinary conditions of use and storage.
Hazardous Polymerisation:	Will not occur
Conditions to avoid:	Heat, incompatibles, open flames and ignition sources.
Incompatibilities:	Strong oxidizers
Thermal Decomposition:	Oxides of sulphur

11. TOXICOLOGICAL INFORMATION

Acute oral LD ₅₀ (male rat):	> 5 000 mg/kg
Acute dermal LD ₅₀ (rabbit):	> 5 000 mg/kg

12. ECOLOGICAL INFORMATION

Environmental Fate:	No information found
Environmental Toxicity:	No information found

The element sulphur is a natural component of the environment. Sulphur has been known and used as a pesticide since very early times, and has been registered for pesticide use in the United States since the 1920's. Sulphur is known to be of low toxicity, and poses very little if any risk to human health. The use of sulphur as a pesticide is not an environmental concern, because it becomes incorporated into the natural sulphur cycle.

13. DISPOSAL CONSIDERATIONS

Contaminated absorbents, surplus product (in diluted form), etc., should be buried in approved landfill. Comply with any local legislation applying to waste disposal. Destroy empty container by perforation and flattening and do not use for any other purpose. Burn at incinerator or bury at an approved landfill.

14. TRANSPORT INFORMATION

Proper shipping Name:	Sulphur
Hazard Class:	4.1
UN No.:	1350
Packaging Group:	III

15. REGULATORY INFORMATION

EC Classification:	Harmful
Risk phrases:	R22 – Harmful if swallowed. R36/37 – Irritating to eyes and respiratory system.
Safety phrases:	S2 – Keep out of reach of children. S46 – If swallowed, seek medical advice immediately and show this container or label.
National legislation:	National Road Traffic Act, 1996 (Act 93 of 1996). Fire Brigade Service Act, 1987 (Act 99 of 1987). Occupational Health and Safety Act, 1993 (Act 85 of 1993).

16. OTHER INFORMATION

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. This information applies to the product as such. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear.

It is the responsibility of persons in receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with this product. If the recipient subsequently produces formulation(s) containing this product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.

The information contained herein is provided in good faith but makes no representation as to its comprehensiveness or accuracy. A properly trained person using this product intends this document only as a guide to the appropriate handling of the material. Individuals receiving the information must exercise their independent judgement in determining its appropriateness for a particular purpose.

AG-CHEM AFRICA (PTY) LTD MAKES NO REPRESENTATION OR WARRANTIES, EITHER EXPRESSES OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANT ABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, AG-CHEM AFRICA (PTY) LTD WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.

END OF DOCUMENT