

NOMIX ENVIRO MATERIAL SAFETY DATA SHEET
NOMIX DUAL

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1. IDENTIFICATION
Preparation : **NOMIX DUAL**

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Composition:

ISOPROPYLAMINE SALT OF N-(PHOSPHONOMETHYL) GLYCINE

CAS No. 38641-94-0 EINECS NO. 254-056-8 120 g/l

Sulfosulfuron 2.22 g/l

Other formulating ingredients : to 100% w/w

3. HAZARDS IDENTIFICATION

Human health effects:

On the basis of available information, this material is not expected to produce any significant adverse health effects when recommended use instructions are followed.

4. FIRST-AID MEASURES

Never give fluids or induce vomiting if patient is unconscious or is having convulsions.

Inhalation:

If inhalation of vapour, mists or fumes causes irritation of the nose or throat, or coughing remove patient to fresh air. If irritation persists obtain medical advice.

Skin contact:

Remove contaminated clothing immediately. Wash contaminated skin immediately with plenty of soap and water. If irritation persists get medical attention.

Eye Contact:

Flush immediately with plenty of water, for at least 15 minutes. If pain, redness or irritation persists, get medical attention.

Ingestion:

If oral contamination occurs, wash out mouth with water. If swallowed do not induce vomiting, seek medical advice immediately and show the container, label or this data sheet.

5. FIREFIGHTING RELEASE MEASURES

Unusual hazards:

Packaging burns to give toxic fumes.

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Extinguishing media:

Extinguish with dry chemical, foam, waterspray, CO₂. Firefighters, and other exposed, wear self-contained breathing apparatus. Thoroughly clean equipment after use.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protection recommended in section 8.

Environmental precautions :

Contain liquid spillage with sand or other means to prevent entry into drains.

Methods for cleaning up:

Absorb in earth or sand. Sweep up into containers for disposal. Dig up heavily contaminated soil and place in drums. (Refer to section 10 for types of containers and drums)

Wash spill area with soap and water. Refer to section 13 for disposal of spilled material.

7. HANDLING AND STORAGE

Handling:

Good industrial practice in housekeeping and personal hygiene should be followed. Do not breath gas, fumes, vapour or spray. When handling do not eat, drink or smoke. Wash hands immediately after handling. Wash contaminated clothing before reuse. Thoroughly clean equipment after use.

Storage: Keep out of reach of children. Keep away from food, drink and animal feeding stuffs. Keep at temperature not exceeding 30°C. Store above 0°C. Keep container tightly closed. Do not re-use container for any other purpose.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits:

None assigned

Engineering measures:

See section 10 - "Materials to avoid" for equipment.

Respiratory protection:

If exposed to vapour or spray, wear suitable respiratory protective device. However this requirement should not arise in normal use.

Hand protection: Wear suitable protective gloves.

Eye protection: No special requirement.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Opaque
Colour	:	Cream/brown liquid
Odour	:	Oil-like
Flash Point	:	>100 °C.
Solubility in water	:	Immiscible
Density	:	0.96

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10. STABILITY AND REACTIVITY

Conditions to avoid:

Not applicable.

Materials to avoid:

Avoid contact with galvanised steel or unlined steel (except stainless steel).

11. TOXIC HAZARD

Formulation:

(By calculation)

Acute oral toxicity LD₅₀ (rat) : > 5 000 mg/kg.

Practically non harmful by ingestion.

Acute dermal toxicity LD₅₀ (rabbit) : > 5 000 mg/kg.

Practically non harmful by skin absorption.

Other Ingredients:

Mineral oils may cause defatting of the skin and subsequently dermatitis in the event of repeated skin contact.

12. ECOLOGICAL INFORMATION

Aquatic toxicity:

96 hour LC₅₀: Rainbow Trout > 100 mg/l.

48 hour LC₅₀: Daphnia magna = 0.093 mg/l

72 hour EC₅₀: Algae = 26 mg/l.

EC₅₀ Lemna = 0.34 mg/l.

13. DISPOSAL CONSIDERATIONS

Product:

Absorb in earth or sand. Shovel up into covered containers for disposal. Dig up heavily contaminated soil and place in drums. (Refer to section 10 for types of containers and drums to avoid). Send to special chemical waste disposal facility or burn only in special, controlled high temperature incinerator. Do not empty into drains.

Container:

Empty container completely before disposal. Dispose of container through a reputable waste disposal contractor. Do not contaminate waterways, ponds or ditches with waste product or container. All local and national regulations should be followed.

14. TRANSPORT INFORMATION

ADR Class/Conveyance class: 9

Packing group: III

UN No: 3082

Environmentally Hazardous Substance

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15. REGULATORY INFORMATION

Hazard Symbol: N, Dangerous for the environment

Risk Phrases: R50 Very toxic to aquatic organisms
R53 May cause long term adverse effects in the aquatic environment

Safety Phrases: S2 Keep out of reach of children
S7/9 Keep container tightly closed and in a well ventilated place
S20/21 When using do not eat drink or smoke
S23 Do not breathe spray
S35 This material and its container must be disposed of in a safe way
S57 Use appropriate containment to avoid environmental contamination
SP1 Do not contaminate water with the product or its container. Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads

16. OTHER INFORMATION

The information contained within this Material Safety Data Sheet does not constitute the users own assessment of workplace risk as required by other national health and safety legislation such as the Health and Safety at Work Act (1974) and the Control of Substances Hazardous to Health Regulations (1988 and subsequent amendments).

Date of MSDS Review : 07.01.08 Supersedes MSDS Dated : 26.04.06

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