
1. IDENTIFICATION**Preparation** : **NOMIX CONQUEROR****Supplier** : Nomix Enviro, A Division of Frontier Agriculture Ltd,
The Grain Silos, Weyhill Road, Andover, Hampshire,
SP10 3NT. Tel: 01264 388050**Chemical Emergency Agency Service (24 hr):** Tel. 01865 407 333

2. COMPOSITION/INFORMATION ON INGREDIENTS

Composition	:	ISOPROPYLAMINE SALT OF N-(PHOSPHONOMETHYL) GLYCINE CAS No. 38641-94-0 EINECS NO. 254-056-8 (Contains 194g/l of the Isopropylamine salt of Glyphosate equivalent to 144 g/l glyphosate)	17.9%
		Other formulating ingredients	82.1%

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.

Environmental effects:

When recommended use instructions are followed no adverse effects are expected.

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.

Medical Advice:**Over exposure symptoms:**

No symptoms diagnostic of systemic poisoning with this product.

Physician:

No specific antidote. This product is not an inhibitor of cholinesterase, and treatment with atropine and oximes is not indicated. Treat symptomatically.

5. FIREFIGHTING RELEASE MEASURES**Unusual hazards:**

Packaging may burn to produce toxic fumes.

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 breathe gas, fumes, vapour or spray. When using 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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Occupational exposure limits:**

Not applicable

Engineering measures:

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

Respiratory protection: No special requirement when used as recommended.

Hand protection: Wear suitable protective gloves when connecting container to equipment.

Eye protection: No special requirement when used as recommended.

Skin protection: Wear suitable protective clothing (coveralls) during application.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Opaque
Colour	:	White liquid
Flash Point	:	> 98 °C.
Specific Gravity	:	1.09 approx (at 20°C)
Solubility in water	:	Miscible

10. STABILITY AND REACTIVITY

Conditions to avoid : Not applicable.

Materials to avoid: Galvanised steel or unlined mild steel

11. TOXIC HAZARD**Formulation (Calculated):**

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

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

Not irritating to eyes or skin

Not sensitizing to skin

Active Ingredient:

Test on glyphosate showed that it did not cause any mutagenic, carcinogenic, teratogenic or adverse reproductive effects. It is not neurotoxic and does not inhibit cholinesterase.

Human Experience:

If swallowed, may cause gastrointestinal tract irritation (discomfort, nausea, vomiting, diarrhoea).

12. ECOLOGICAL INFORMATION**Aquatic Toxicity (derived):**

Rainbow Trout: 96 hr LC₅₀ > 900 mg/l

Daphnia Magna: 48 hr EC₅₀ > 600 mg/l

Green Algae: 72 hr EC₅₀ > 100 mg/l

Other Wildlife toxicity:

Tests in a variety of mammalian, avian and aquatic species have shown that Glyphosate does not bio-accumulate.

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).

Send to special chemical waste disposal facility or burn only in special, controlled high temperature incinerator. Do not empty into drains. Flush spill area with water.

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

Not regulated for transport

15. REGULATORY INFORMATION

Hazard Symbol: **None required.**

Risk Phrases: None

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: 29.09.08 Supersedes MSDS Dated : 03.01.08

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