

Safety Data Sheet

Last change date 6-NOV-1996
replaces all previous editions

PARTNA

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

Identification of the substance or preparation

Trade Name Syngenta PARTNA
Design Code TF 8035
AGI Code 1001265

Company identification

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Product Description

An agricultural adjuvant. An oil based formulation.

CAS-No.	Hazardous ingredients	Concentration	Hazard Symbol	Risk phrases (R)
	Alkylphenol Ethoxylate (Supplier's classification)	< 10 % w/w	Xn	22-36/38-53
111-87-5	Aliphatic Alcohol	approx 10 % w/w	Xi	36/38

3. HAZARDS IDENTIFICATION

This material causes irritation following skin contact and may cause mild eye irritation. Toxic to aquatic invertebrates.

4. FIRST AID MEASURES

Eye contact: Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain immediate medical attention.

Skin contact: Take off immediately all contaminated clothing. Wash skin immediately with water, followed by soap and water. Such action is essential to minimise contact with skin. Contaminated clothing should be laundered before re-issue.

Inhalation: Remove patient from exposure, keep warm and at rest. Obtain medical attention as a precaution.

Ingestion: If swallowed seek medical advice immediately and show the container, label or this Data Sheet, if possible. Do not induce vomiting.

Medical advice: Symptomatic treatment and supportive therapy as indicated.

5. FIRE FIGHTING MEASURES

Keep fire exposed containers cool by spraying with water.

Extinguishing media: For small fires, use foam, carbon dioxide or dry powder extinguishant. For large fires, use foam or water-fog; avoid use of water jet. Contain run-off water with, for example, temporary earth barriers.

Protective Equipment: A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure suitable personal protection during removal of spillages. This means wearing eye protection, chemically resistant gloves, boots and coveralls.

Clean up methods: Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Wash the spillage area with water. Washings must be prevented from entering surface water drains.

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

7. HANDLING AND STORAGE

Handling

Read the label before use.

Safe handling advice: Avoid contact with skin and eyes. When using do not eat, drink or smoke. Wash face and hands before eating, drinking or smoking.

Storage

Safe storage advice: Keep in original containers, tightly closed, out of reach of children. Keep away from food, drink and animal feeding stuffs.

Storage Life: Physically and chemically stable for at least 2 years when stored in the original unopened sales container at ambient temperatures.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits:

Hazardous ingredient: Mineral oil mist, EH40/2000; LTEL 8 hr TWA 5 mg/m³; STEL 15 min 10 mg/m³
Not applicable to field use.

Personal protection: When using this product refer to the label for details.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid.
Colour:	Pale yellow.
Odour:	Not available.
Boiling point:	> 54 °C
Melting point:	Not available.
Freezing temperature:	-5 .. -10 °C
Flash point:	106 °C
Autoignition temperature:	Not available.
Explosive properties:	Not applicable.
Vapour pressure:	Not available.
Specific gravity	0.871 .. 0.875
Solubility:	Miscible in/with water.
pH-value (quant.):	5.8 (1% w/v suspension).
Partition coeff.:	Not available.
Viscosity:	33.06 mPas
Oxidizing properties:	Not applicable.

10. STABILITY AND REACTIVITY

Hazardous decomposition products: Combustion or thermal decomposition will evolve toxic and irritant vapours. Stable up to 50°C, 52 weeks.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity (Lethal Doses)

LD50 Oral rat : > 2000 mg/kg Low oral toxicity.

LC50 Dermal rat: > 2000 mg/kg

Inhalation: Unlikely to cause harmful effects under normal conditions of handling and use.

Acute Toxicity (Irritation, Sensitisation etc.)

Eye Irritation: Mild irritant to rabbit eyes.

Skin Irritation: Moderate irritant to rabbit skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxicity to fish: LC50 96 hours rainbow trout: 28 mg/l

Harmful to fish.

Toxicity to daphnia: EC50 daphnia magna: 2.5 mg/l

Toxic to aquatic invertebrates.

13. DISPOSAL CONSIDERATIONS

Do not contaminate ponds, waterways or ditches with chemical or used containers. Surplus material must be disposed of as detailed in the 'Guidelines for the avoidance, limitation and disposal of waste on the farm' GIFAP, 1987. Empty containers should be washed and discarded. Empty containers should not be used for other purposes. Disposal should be in accordance with local, state or national legislation.

14. TRANSPORT INFORMATION

Not Classified as Dangerous for Transport.

15. REGULATORY INFORMATION

Classification : **IRRITANT**

Hazard symbols : **Xi**

Risk Phrases : (R38) Irritating to skin.

Safety Phrases : (S28) After contact with skin, wash immediately with plenty of water.

(S36/37/39) Wear suitable protective clothing, gloves and eye/face protection.

This substance is covered by the EEC Dangerous Substances Directive (CPL Regulations). It has therefore been labelled in accordance with these regulations. Users should ensure that they comply with any relevant local, state or national legislation.

16. OTHER INFORMATION

Use: An agricultural/horticultural/forestry adjuvant.

Always read the label. Use pesticides safely. Approval number ADJ 0428

The information contained herein is based on the present state of our knowledge as is intended to describe our products from the point of view of safety requirements. It should

not therefore be construed as guaranteeing specific properties.