



Material Safety Date Sheet (MSDS)
Aciad 6 E

IDENTIFICATION OF THE SUPPLIER:

AGRO CHEMICALS INDUSTRIES LTD
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PRODUCT IDENTIFICATION:

Common Name: 2,4-D (BSI, E-ISO,(m) f-ISO, WSSA)
Trade Name: Aciad 6 E
Type of formulation: Emulsifiable Concentrate (EC)
Chemical Name: (2,4-dichlorophenoxy) acetic acid
Chemical Formula: C₈H₆Cl₂O₃
Molecular Weight: 221

PRODUCT COMPOSITION:

Active Ingredient:	% w/v	CAS #
2,4-D ester	63.8%	[94-75-7]
Inert ingredient:		
Emulsifier	7%	--
Solvent	Up to 100%	--





FIRE-FIGHTING MEASURES: -

Flash point: 154 °F

Lower Explosive Limit: NI

Upper Explosive Limit: NI

Fire Extinguishing Media:

Foam, CO₂, Dry Chemical, Water.

Special Fire Fighting Procedures:

Wear positive-pressure breathing apparatus and full protective clothing.

Product may be ignited by heat, sparks, and flames.

Unusual Fire and Explosion:

Prevent contamination of surface water from fire-control runoff. If pollution occurs, contact local authorities.

FIRST-AID MEASURES:

Health Hazards (Acute and Chronic):

Eyes: Contact may cause irritation and burning.

Skin: contact may be moderately irritation to the skin.

Inhalation: may be irritation or harmful to the respiratory system.

Ingestion: May be irritation to gastrointestinal tract. If product is swallowed, it is an aspiration hazard; can enter and damage the lungs.

Chronic: Repeated or prolonged overexposure may affect the skin, liver, kidneys, muscular or gastrointestinal system.

Emergency First Aid Procedure:

Eyes: Flush eye with large amount of clean water for 10-15 minutes, holding lids open. If irritation persists, seek medical attention.

Skin: Remove contaminated clothing. Bathe and shampoo with soap and water to remove chemicals from skin and air. If irritation persists, seek medical attention. Launder contaminated clothing separately, prior to reuse.

Inhalation: Remove victim to fresh air. Apply artificial respiration if needed. If irritation persistent, seek medical attention. If severe overexposure occurs, a tow day removal from exposure is recommended.

Ingestion: Do not induce vomiting.





ACCIDENTAL RELEASE:

Steps to be taken in case material is released or spilled:

Do not touch spilled material. Contain and collect the spilled material using an inert absorbent. Collect into drums for disposal; cover and label drums. Wash the area with water if possible.

PERSONAL PROTECTION/SAFTETY:

Protective Clothing: Wear long sleeved shirt, long pants, socks, shoes, and chemical resistant gloves.

Eye Protection: Safety glasses or goggles are recommended.

Respiratory Protection: If exposure limits may be exceeded, wear a respirator with an organic-vapor.

HANDLING AND STORAGE:

Precaution to be taken:

Store in locked area inaccessible to children and pets. Store in original container. Keep from freezing. Keep from food, feed, seeds, fertilizers and other herbicides, and agricultural chemicals, to prevent cross-contamination.

Physical or Chemical Hazards:

Do not use or store near heat or open flame.

TOXICOLOGICAL INFORMATION:

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Ingestion: May be irritation to gastrointestinal tract. If product is swallowed, it is an aspiration hazard; can enter and damage the lungs.

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ECOLOGICAL INFORMATION: -

Do not apply when weather conditions favor drift from target area. Use with care when applying in areas adjacent to any body of water. Do not contaminate water intended for irrigation or domestic purposes. This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and non target plants. For terrestrial uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water.

DISPOSAL CONSIDERATIONS:

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate groundwater.

Container Disposal: For plastic container triple rinse. Then offer for recycling or reconditioning. If burned stay out of smoke. For metal containers triple rinse. Then offer recycling or reconditioning.

