

Material Safety Data Sheet

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

PRODUCT: **2,4-D Amine 72% SL**
COMPANY

Manufacturer / Supplier: Changzhou Good-job Biochemical Co., LTD.

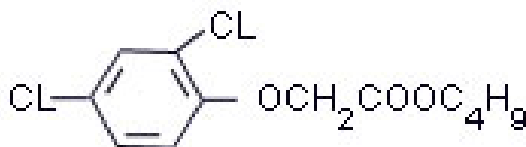
Address: Xinbei District, Changzhou city, Jiangsu, China

Telephone Number: +86 519 85153978

Fax Number: +86 519 85153975

2. COMPOSITION/INFORMATION ON INGREDIENTS

Product Name : 2,4-D Amine 72% SL
Chemical Name : (2,4-Dichlorophenoxy) acetic acid dimethyl amine
CAS Number : Not Established
Chemical Formula : C₁₄H₁₈N₄O₃
Molecular Weight : 266
Structural formula :



3. HAZARDS IDENTIFICATION

ACUTE(SHORT TERM EXPOSURE):

EYE: May cause severe irritation with corneal injury and may result in permanent impairment of vision, even blindness. Skin contact: prolonged exposure may cause skin irritation. SKIN ABSORPTION: A single prolonged skin exposure may result in the materials being absorbed in harmful amounts. Ingestion may cause gastrointestinal irritation. Inhalation: single exposure to vapors is not likely to be hazardous.

GENERAL PRECAUTIONS:

Always practice good industrial hygiene; handle with care; avoid personal contact. Do not get into eyes or on skin; do not breathe mist or vapor of product. Do not swallow. Wash hands with soap and water and rinse after handling product. Shower after each shift. Wash all work clothing and completely clean all PPE (personal protective equipment) after each shift.

MEDICAL CONDITION GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE:

None known

PRIMARY ROUTE OF ENTRY:

4. FIRST AID MEASURES

Skin Contact: Remove contaminated clothing. Wash the affected area immediately with soap and water.

Eye Contact: Rinse out with plenty of water with the eyelid held wide open. Seek medical attention.

Inhalation: Remove the patient to fresh air. Provide oxygen/artificial respiration

where necessary. Seek medical attention.

Ingestion: Immediately give the patient water or milk to drink to act as a dilutant. Immediately seek medical attention, as the product will cause irritation of the gastrointestinal tract.

Further Information: For further advice on treatment contact the nearest Poisons Information Center.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Water(flood with water), carbon dioxide, foam or dry powder.

Special protective equipment for fire-fighting: Wear self contained breathing apparatus.

Other Information: Contain fire-fighting water with sand or some such bunding material.

6. ACCIDENTAL RELEASE MEASURES

Personal precautionary measures:

Wear the personal protective equipment outlined in section 8 below.

Environmental-protection measures:

Keep the area isolated and do not allow contamination to enter drains or waterways. Spillage or uncontrolled discharges into watercourses must be alerted to the National Rivers Authority. If the product has entered a watercourse or sewer, or grossly contaminated soil or vegetation in a public place, advise police.

Procedures for cleaning/absorption:

Contain/absorb the spillage with a suitable inert absorbent material or sand which should then be transferred to secure containers and sent for disposal.

7. HANDLING AND STORAGE

Handling: Do not get in the eyes or on clothing. Avoid breathing spray mist. Wash hands before eating or drinking. Do not apply directly to water or in areas where there is surface water. Do not store, mix or apply the product in galvanised or unlined steel (except stainless steel) containers.

STORAGE: Store in a cool, well-ventilated area. Keep away from heat, sparks and filling of containers. Keep away from children; prevent contact with eyes, skin, and clothing. Do not store near fertilizers, foodstuffs, seed, insecticides or fungicides. Do not contaminate irrigation ditches or domestic water supplies. If this happens notify police and local authorities.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

FLASH POINT & METHOD: (°C): > 100 (Tag Closed Cup)

FLAMMABLE LIMITS (% IN AIR): Lower: Not Applicable Upper: Not Applicable

AUTOIGNITION TEMPERATURE: Not Applicable

UNUSUAL FIRE & EXPLOSION HAZARDS: Noxious fumes may be formed under fire conditions. Contain water from fire fighting to prevent entry into water supplies.

EXTINGUISHING MEDIA: Carbon Dioxide, Foam, Water Fog, and Dry Chemical. (But not SODA DRY POWDER)

SPECIAL OXIDIZING MATERIAL HAZARDS: Not Established

HAZARDOUS COMBUSTION PRODUCTS: Noxious (HCl & Amines) fumes under fire conditions.

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool fire exposed containers or structures. Use self-contained breathing apparatus and protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Brown
Odour:	fishy odour
Specific gravity:	(@ 20°C): 1.18
pH:	8.1 - 8.5

10. STABILITY AND REACTIVITY

conditions to avoid: avoid exposure to heat or flame.

Incompatibility: acids and oxidizing materials.

Hazardous decomposition products: hydrogen chloride, nitrogen oxide under fire condition.

Stability: not stable

Hazardous polymerization: will not occur

11. Toxicological Information

Effects to eyes: May cause severe irritation with corneal injury and may result in permanent impairment of vision, even blindness.

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

14. TRANSPORT INFORMATION

REGULATED BY: X Domestic road / rail (DOT)

Export water (IMO)

Air (ICAO / IATA)

Not regulated as a hazardous material by any mode of transportation.

This TDG Classification is current, until all Packaging Materials, labeled

Environmentally Hazardous Substances are exhausted.

SHIPPING NAME: > OR = 8.8 L ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
N.O.S.* (2,4-D AIME SALT) / < 8.8 L NOT REGULATED

CLASSIFICATION: 9.2

P.I.N.: UN3082

PACKING GROUP: III

15. REGULATORY INFORMATION

Hazard classification: Harmful

R phrases: Harmful

S phrases: 36, wear suitable protective equipment

2, keep out of the reach of children

avoid breathing vapours.

do not get in eyes, on skin or on clothing.

16. OTHER INFORMATION

SPECIAL SHIPPING INFORMATION: Observe applicable shipping and handling regulations.

See "Product Identification" for TDG classification.

ADDITIONAL INFORMATION: THE ENCLOSED INFORMATION IS SUPPLIED AS A CUSTOMER SERVICE AND IS PROVIDED IN GOOD FAITH. ALTHOUGH IT HAS BEEN BASED ON DATA DRAWN FROM SOURCES DEEMED TO BE RELIABLE, IPCO CANNOT GUARANTEE ITS ACCURACY AND ASSUMES NO RESPONSIBILITY FOR CONDITIONS RESULTING FROM ITS USE.