

MATERIAL SAFETY DATA SHEET

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Chemical Family: Copper Phthalocyanine Blue Crude

Color Index No.: 74160

Cas No.: 147-14-8

Product Description: Blue Powder

Product Name: A-One Crude Blue 1300

USE DESCRIPTION

Synthetic organic pigments are found in most products that are colored, such as printing inks, paints, plastics, cosmetics, contact lenses, medical devices, crayons, textile fibers and numerous other applications.

MANUFACTURER'S NAME & ADDRESS

A-One Chemicals

302, "Shanti House", Nr, Madhusudan House,

Opp. Navarangpura Telephone Exchange,

Off C.G. Road, Navarangpura,

Ahmedabad-380009, Gujarat, India.

Tel.: +91-79-26468261/62

Mobile :91-9904045115 /9825845515

2. COMPOSITION/INFORMATION OF INGREDIENTS

Phthalocyanine Crude Blue - C.A.S. # 147-14-8

This product is not considered to be a hazardous substance as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200).

3. HAZARDS IDENTIFICATION

No hazardous effect known.

The product is not a substance subjected to mandatory marking in accordance with the EEC Directive 67/548/EEC or amendments.

4. FIRST AIR MEASURES

After Inhalation: Supply fresh air.

After Eye Contact: Flush with plenty of pressure water for 15 minutes

Occasionally raising eye lids.

After Skin Contact: Wash skin with mild soap and water.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: No Restriction.

Special hazards caused by the material, its combustion products or resultant gases: In case of fire, carbon and nitrogen oxides and derivatives of copper may be formed.

Special Personal Protection Equipment: None.

6. ACCIDENTAL RELEASE

Environmental Protection Conduct: Do not sweep or wash in public stretches of water, sewers or suites of unknown discharge.

After Spillage/Leakage/Gas Leakage: Clean up immediately with wetting or absorbent material avoiding dusting.

7. HANDLING AND STORAGE

Handling: Usual precautions for nuisance dust should be observed.

Protection against Fire and Explosion: Keep away from sources of ignition - No smoking. Risk of dust explosion.

Storage: Store in roofed places at room temperature. Keep containers tightly sealed.

Flammability Class: Not Applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional notes for design of plant equipment: No further details see sec.7.

Components with workplace-related limits to be monitored:

Designation% Type of Data Unit Nuisance dust 100 MAK

TLV/TWA (USA) 6 mg/m³ 10 mg/m³ **Personal Protection Equipment:**

Respiratory Protection: An appropriate dust filter has to be used should a breathable dust occurs.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	:	Powder
COLOR	:	Blue
MELTING POINT	:	Undetermined
SPECIFIC GRAVITY	:	13.69 lbs/gal
SOLUBILITY	:	Insoluble
PERCENT VOLATILE	:	Negligible
VAPOR PRESSURE	:	Not Applicable
MOLECULAR FORMULA	:	C ₃₂ H ₁₆ CuN ₈
VOLATILE ORGANIC COMPOUNDS (VOC'S)	:	None

10. STABILITY AND REACTIVITY

Hazardous Decomposition Products: No decomposition at proper storage and application conditions.

11. TOXICOLOGICAL INFORMATION

LD₅₀ oral, rat > 6400 mg/kg

Primary Irritation:

Skin: Non irritant (rabbit)

Eye: Non irritant (eyes of rabbit)

12. ECOLOGICAL INFORMATION

Avoid infiltration into waste water draining or soil.

13. DISPOSAL CONSIDERATIONS

Product: Dispose in accordance with federal, state and local regulations.

Waste Code No.: 55514 (Germany)

Check re-use as alternative.

Contaminated Packages and Containers: Emptied, but contaminated packages and containers may be re-cycled.

Waste Code No.: 18715 (Germany)

14. TRANSPORT INFORMATION

No declaration for transport required.

15. REGULATORY INFORMATION

The product is not a substance subjected to mandatory marking in accordance with the EEC Directive 67/548/EEC or amendments.

Water Risk Class: WGK 0 (Self-assessment, acc. to (7 of German Water Utilization Act (WMG) (Germany)).

16. FURTHER INFORMATION

Vertical marking at left margin denotes alterations of previous issue.

The information contained herein is based on the present state of our knowledge, but without liability.