



METHYL RED HYDROCHLORIDE

Effective Date : 01-Jan-2021

Safety Data Sheet

DAWN SCIENTIFIC

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Emergency Telephone Number: CHEMTREC 1-800-424-9300

1. PRODUCT: Syn: 2-((4-(dimethylamino)phenyl)azo)-benzoic acid, hydrochloride,
CAS No.: 63451-28-5 **Weight:** 305.77 **Formula:** C₁₅H₁₅N₃O₂*HCl+ **EC No:** 264-190-9

2. HAZARDS: GHS Class: Not a hazardous substance.

HMIS Class: Health hazard 2, Flammability 0, Physical hazards 0

NFPA Rating: Health hazard 2, Fire 0, Reactivity hazard 0

3. COMPOSITION/INFO ON INGREDIENTS

Ingredient	CAS No.	Percent	Hazardous
Methyl Red HCl	63451-28-5	90-100%	No

4. FIRST AID: Inhalation: Remove to fresh air. Get medical attention for any breathing difficulty.
Ingestion: If large amounts were swallowed, give water to drink and get medical advice. **Skin:** Wash exposed area with soap and water. Get medical advice if irritation develops. **Eye:** Wash thoroughly with running water. Get medical advice if irritation develops.

5. FIRE FIGHTING: Fire: fire is possible at elevated temperatures or by contact with an ignition source. **Explosion:** Not considered to be an explosion hazard **Hazards:** carbon/nitrogen oxides, hydrogen chloride gas. **Extinguishing:** Water spray, dry chemical, alcohol resistant foam, or carbon dioxide. **Info:** wear full PPE and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode.

6. ACCIDENTAL RELEASE: Remove all sources of ignition. Ventilate area of leak or spill. Wear appropriate PPE as specified in Section 8. **Spills:** Clean up spills in a manner that does not disperse dust into the air. Use non-sparking tools and equipment. Reduce airborne dust and prevent scattering by moistening with water. Pick up spill for recovery or disposal and place in a closed container.

7. HANDLING & STORAGE: Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from any source of heat or ignition. Isolate from oxidizing materials. Containers of this material may be hazardous when empty since they retain product residues (dusts, solids); observe all warnings and precautions listed for the product.

8. EXPOSURE: Limits: None. **Ventilation:** In general, dilution ventilation is a satisfactory health hazard control for this substance. If conditions of use create discomfort to the worker, a local exhaust system should be considered. **Respirators:** For conditions of use where exposure to the dust is apparent, a half-face dust/mist respirator may be worn. **Skin:** Wear protective gloves and clean body-covering clothing. **Eye:** Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

9. PHYSICAL & CHEM: Appearance: Fine, bluish-purple crystals. **Melting Pt:** 175 Deg. C (347 Deg. F).

10. STABILITY & REACTIVITY: Stability: Stable under ordinary conditions of use & storage. **Haz Decomp:** see sec 5 **Incompatibilities:** Strong oxidizers. **Avoid:** Heat, flames, ignition sources, and incompatibles.

11. TOXICOLOGICAL INFO: RTECS# None **LD50/LC50:** N/A. **TOXICITY DATA:** N/A

12. ECOLOGICAL INFO: No info.

13. DISPOSAL CONSIDERATION: Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use, or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state, and local requirements.

RCRA P-Series: None listed. **RCRA U-Series:** None listed.

14. TRANSPORT REGULATIONS: Not regulated.

15. REGULATORY INFO: SARA 311/312: None **Sec 302 (RQ & TPQ)** None of the chemicals in this material have an RQ & TPQ.

Section 313 No chemicals are reportable under Section 313. State: is not present on state lists from CA, MN, MA, FL.

Pa & NJ Right to Know: 2-[[4-(Dimethylamino)phenyl]azo]benzoic acid monohydrochloride CAS#63451-28-5

California Prop.65: None of the chemicals are known to cause cancer, birth defects, or any other reproductive harm.

EUROPEAN/INTERNATIONAL REGULATIONS European Labeling in Accordance with EC Directives

Hazard Symbols: XN. **WGK (Water Danger/Protection)** CAS# 135-49-9: No information available.

Canada - DSL/NDL CAS# 135-49-9 is listed on Canada's DSL List.

Canada - WHMIS This product has a WHMIS classification of D2a

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