

SAFETY DATA SHEET

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DOSOL

SECTION 1 IDENTIFICATION

MYRON L® COMPANY 2450 IMPALA DRIVE, CARLSBAD, CA 92010

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BUSINESS HOURS: Monday through Friday 7:00-3:30 p.m. (Pacific Time)

This and additional Myron L Safety Data Sheets (SDS) are available on the World Wide Web at: <http://www.myronl.com>

PRODUCT: Dissolved Oxygen Sensor Zero Calibration Standard

CATALOG NUMBERS: DOSOL, DOSOL2OZ

SECTION 2 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

MAYBE HARMFUL IF NOT HANDLED CORRECTLY AND USED AS INTENDED.

POTENTIAL HEALTH EFFECTS

EFFECTS OF OVEREXPOSURE: WARNING: MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION.

ROUTES OF ENTRY: INHALATION, INGESTION, EYE CONTACT AND SKIN CONTACT.

CARCINOGENICITY: NOT CLASSIFIED.

GHS Pictogram



EXCLAMATION MARK

•Irritant •Skin Sensitizer
•Acute Toxicity •Narcotic Effects
•Respiratory Tract Irritant
•Hazardous to Ozone Layer



HEALTH HAZARD

•Carcinogen •Mutagenicity
•Reproductive Toxicity
•Respiratory Sensitizer
•Target Organ Toxicity
•Aspiration Toxicity

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME: Sodium Sulfite Salt Solution.

TRADE NAME & SYNONYMS: D.O. Sensor Zero Calibration Standard. **CHEMICAL FAMILY:** Inorganic Compound Solution

CHEMICAL FORMULA: Na₂SO₃ • CoCl₂ • 6H₂O

CAS #: Sodium Sulfite #7757-83-7
Cobalt Chloride Hexahydrate #7791-13-1
Water #7732-18-5

SECTION 4 FIRST-AID MEASURES

FIRST AID PROCEDURES:

EYE CONTACT:

IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION.

SKIN CONTACT:

WASH OFF WITH SOAP AND WATER. SEEK MEDICAL ATTENTION AS NEEDED.

INGESTION:

RINSE MOUTH WITH WATER AND AFTERWARDS DRINK PLENTY OF WATER.

SEEK MEDICAL ATTENTION AS NEEDED.

SECTION 5 FIRE-FIGHTING MEASURES

FLASH POINT (TEST METHOD)

NOT DETERMINED

FLAMMABLE LIMITS

N/A

LeI N/A

UeI N/A

EXTINGUISHING MEDIA

USE AN EXTINGUISHING AGENT SUITABLE FOR THE SURROUNDING FIRE.

SPECIAL HAZARDS & PROCEDURES

FIRE FIGHTERS SHOULD WEAR PROPER PROTECTIVE EQUIPMENT AND SELF CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

UNUSUAL FIRE & EXPLOSION HAZARDS

NOT CONSIDERED TO BE AN EXPLOSION HAZARD.

SECTION 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

CLEAN UP SPILL USING ABSORBENT MATERIALS. CONTAINERIZE FOR RECLAMATION OR DISPOSAL.

SECTION 7 HANDLING AND STORAGE

HANDLING: NORMAL USE DOES NOT GENERATE A HAZARDOUS SITUATION WHEN HANDLED IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES.

STORAGE: KEEP IN CONTAINER TIGHTLY CLOSED. STORE IN COOL, DRY AND DARK PLACE.

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SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

THRESHOLD LIMIT VALUE:	NONE ESTABLISHED.
RESPIRATORY PROTECTION:	USE SELF CONTAINED BREATHING APPARATOUS IF A RISK ASSESSMENT INDICATES NECESSITY.
VENTILATION:	USE GENERAL OR LOCAL EXHAUST VENTILATION.
EYE PROTECTION:	RECOMMENDED SAFETY GLASSES AND FACE SHIELD.
PROTECTIVE GLOVES:	RECOMMENDED GENERAL PURPOSE RUBBER GLOVES.
PROTECTIVE CLOTHING:	RECOMMENDED LAB COAT OR SAFETY APRON.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT, 760 mm Hg (°C)	102°C - 107°C	SPECIFIC GRAVITY	1.0+
FREEZE POINT (°C)	0°C to - 10°C	SOLUBILITY IN H₂O, % BY WT. @ 20°C	100%
VAPOR PRESSURE @ 20°C	N/A	APPEARANCE AND ODOR	COLORLESS, ODORLESS LIQUID
VAPOR DENSITY	N/A		
PERCENT VOLATILES BY VOLUME	N/A	EVAPORATION RATE	N/A
		pH:	9.6 pH

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Product is stable under normal conditions of use and storage.	CONDITIONS TO AVOID	None known.
REACTIVITY: Same as water.	MATERIALS TO AVOID	Acids, Strong Oxidizers, Alkali metals

SECTION 11 TOXICOLOGICAL INFORMATION

TOXICITY DATA: Oral mouse LD50: 820 mg/kg.

TOXICOLOGICAL FINDING: Investigated as a tumorigen and mutagen. Suspected chronic health hazard.

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY: Harmful to aquatic organisms. LC50 Fishes1/220-460 mg/L.

OTHER ADVERSE EFFECTS: Avoid release to the environment.

SECTION 13 DISPOSAL CONSIDERATIONS

EPA WASTE NO. AND DISPOSAL TREATMENT: PRODUCT, AS SHIPPED, IS NOT LISTED AS A HAZARDOUS MATERIAL BY THE U.S.EPA.

NOTE: ALWAYS CONTACT A PERMITTED WASTE DISPOSER (TSD) TO ASSURE COMPLIANCE AND ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION 14 TRANSPORT INFORMATION

DOT Shipping Name.....Non-Regulated

DOT Number.....None

IATA/ICAO.....Non-Regulated

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SECTION 15 REGULATORY INFORMATION

TSCA INVENTORY: IN COMPLIANCE WITH INVENTORY.

COMPONENT N/A
SARA EHS (302) N/A
SARA EHS TOQ (LBS) N/A
CERCLA RQ (LBS) N/A
OSHA FLOOR LIST N/A
SARA 313 N/A
DeMinimis for SARA 313 (%) N/A

SECTION 16 OTHER INFORMATION

DISCLAIMER: This information is believed to be accurate and represents the best information currently available to us; however, we make no warranty of merchantability, or fitness for any particular use, or any other warranty, express or implied, with respect to this information, and we assume no liability resulting from the use of this information. Users should make their own investigations to determine the suitability of the information for their particular needs and purposes.

NFPA Hazard Ratings
Health: 2
Flammability: 0
Reactivity: 0
Special Hazards: N/A

SDS APPROVED BY:

