

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Masterchem PAG 150 Viscosity w/ UV Dye

PRODUCT DESCRIPTION: Compressor Lubricant

MANUFACTURER

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Emergency Phone: FÈ €È GÈ È J

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC: 800-424-9300

2. HAZARDS IDENTIFICATION

GHS LABEL

This product is not classified as hazardous according to 29CFR 1910.1200.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Poly[oxy(methyl-1,2-ethandiyl)], Alpha-butyl-omega-hydroxy-	>99	9003-13-8

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN: Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

INGESTION: Rinse mouth with water. Do not induce vomiting. Seek medical attention if you feel unwell.

INHALATION: Remove to fresh air. If breathing is difficult seek medical attention.

NOTES TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry Chemical, CO2, Foam. Water Spray.

HAZARDOUS COMBUSTION PRODUCTS: May produce hazardous fumes.

FIRE FIGHTING PROCEDURES: Do not use a water jet.

FIRE FIGHTING EQUIPMENT: In case of fire wear a full-face positive pressure self contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Contain and soak up spill with absorbent material and provide adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Prevent material from entering drains or watercourses using sand, earth or other appropriate barriers.

LAND SPILL: Prevent contamination of the soil.

GENERAL PROCEDURES: Avoid contact with skin or eyes. Avoid contact with spilled materials. Use appropriate personal protective equipment.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Handle in accordance with good industrial hygiene and safety practices.

HANDLING: Use only in a well ventilated area. Avoid breathing (dust, vapor, mist, gas). Avoid contact with eyes, skin, and clothing.

STORAGE: Keep container tightly closed in a dry, well-ventilated place.

STORAGE TEMPERATURE: Store in a cool place below 120°F/49°C under nitrogen blanket as this product is hygroscopic. For prolonged storage above 60°C, store in rust free container using nitrogen blanket.

STORAGE PRESSURE: Atmospheric.

SPECIAL SENSITIVITY: This is a hygroscopic product. Avoid contact with water.

COMMENTS: Recommended storage container materials are rust free mild steel or stainless steel.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Eye washes and showers for emergency use.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles) or a face shield.

SKIN: Use chemically resistant gloves; appropriate materials are PVC. Nitrile.

RESPIRATORY: Use appropriate protection if there is risk of breathing the mists or vapors or heated materials.

PROTECTIVE CLOTHING: Wear full protective clothing and chemical resistant gloves to prevent prolonged skin contact.

WORK HYGIENIC PRACTICES: Wash hands, forearms and face before eating, drinking, smoking and using the restroom. Launder contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild

APPEARANCE: Water white to faintly yellow.

PHYSICAL STATE COMMENTS: Clear, bright, viscous.

pH: ~ 5.5 to 7.5

FLASH POINT AND METHOD: > 210°C COC-ASTM D-92

AUTOIGNITION TEMPERATURE: Not Available

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Available

BOILING POINT: Not Available

POUR POINT: -46°C

THERMAL DECOMPOSITION: Not Available

SOLUBILITY IN WATER: Insoluble in water.

EVAPORATION RATE: Not Available

SPECIFIC GRAVITY: 1.051 at 20°C

VISCOSITY #1: 150 cSt at 40°C

10. STABILITY AND REACTIVITY

STABLE: Yes

STABILITY: Stable under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon. Small amounts of aldehydes, ketones, and alcohols.

INCOMPATIBLE MATERIALS: Strong oxidizers, strong acids.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: > 5000 mg/kg

Notes: rabbit

ORAL LD₅₀: > 5000 mg/kg

Notes: rat

EYE EFFECTS: Minimal irritation.

SKIN EFFECTS: Minimal irritation.

REPEATED DOSE EFFECTS: Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis.

IRRITATION: Not a primary irritant.

NEUROTOXICITY: Not Available

GENETIC EFFECTS: Not Available

REPRODUCTIVE EFFECTS: Not Available

TARGET ORGANS: Not Available

MUTAGENICITY: Not Available

GENERAL COMMENTS: Used materials should be handled with caution. Proper health, safety, and disposal methods should be taken during handling of used materials. Avoid contact with skin and eyes.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Ecotoxicological data have not been determined specifically for this products. The information below is given based on knowledge of the components.

ECOTOXICOLOGICAL INFORMATION: Testing of a similar substance indicates material is non-toxic to aquatic life.

BIOACCUMULATION/ACCUMULATION: Not expected to bio-accumulate.

DISTRIBUTION: Insoluble in water. Adsorbs to soil and has low mobility.

CHEMICAL FATE INFORMATION: Expected to be partially or slowly biodegradable.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of contents/container to a licensed contractor or facility in accordance with local, state and federal regulations.

PRODUCT DISPOSAL: The preferred options for disposal include reuse, recycling, co-processing, finding a use for by-product, incineration or other thermal destruction at licensed facilities.

EMPTY CONTAINER: Clean container thoroughly and dispose to licensed disposal contractor.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated for Transport

ROAD AND RAIL (ADR/RID): NA = Not Applicable

AIR (ICAO/IATA): NA = Not Applicable

VESSEL (IMO/IMDG): NA = Not Applicable

CANADA TRANSPORT OF DANGEROUS GOODS: NA = Not Applicable

15. REGULATORY INFORMATION

UNITED STATES

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All components listed or exempt.

CANADA

DOMESTIC SUBSTANCE LIST (INVENTORY): All components are listed or exempt.

16. OTHER INFORMATION

REASON FOR ISSUE: Updated to GHS Format with GHS classification

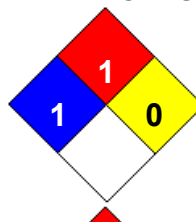
APPROVED BY: Audris King **TITLE:** HS&E Manager

PREPARED BY: Britton Webb

HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	1
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	B

NFPA CODES





SAFETY DATA SHEET (SDS)

LX-10215

PYLAKROME FLUORESCENT YELLOW DYE

REVISION DATE: May 29, 2015

SECTION 1 – PRODUCT IDENTIFICATION

PRODUCT NAME:Pylakrome Fluorescent Yellow LX-10215
PRODUCT NUMBER:LX-10215
SYNONYMS:Pylakrome Fluorescent Yellow LX-10215
CHEMICAL FAMILY:Perylene
CHEMICAL FORMULA:Solvent Green 5 (CAS# 78969-59-3)
CAS NUMBER:79869-59-3

COMPANY:Omega / Santech
1401 Valley View Lane, Suite #100
Irving, Texas 75061

RECOMMENDED USE:Coloring agent.

FOR ADDITIONAL INFORMATION ABOUT THE SDS: 972-812-7000

EMERGENCY PHONE: (800) 424-9300 (CHEMTREC USA)

SECTION 2 – HAZARDS IDENTIFICATION

The following information is presented in accordance with 29 CFR 1910.1200 (Hazcom 2012) which became effective on May 25, 2012:

CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910.1200(d):

Combustible dust.

LABEL CONTENT IN ACCORDANCE WITH 29 CFR 1910.1200(f):

HAZARD PICTOGRAMS:Not Applicable

SIGNAL WORD:Warning.

HAZARD STATEMENT:May form combustible dust concentrations in air.

PRECAUTIONARY STATEMENTS:Not Applicable.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	PERCENT	CAS NUMBER	TLV-TWA
None as per 29CFR Part 1910.1200.	N/A	N/A	N/A

PRODUCT COMPOSITION INFORMATIONNo hazardous components are found under the applicable regulations.



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PYLAKROME FLUORESCENT YELLOW DYE

SECTION 4 – FIRST-AID MEASURES

BREATHING (INHALATION):If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and call a physician.

SWALLOWING (INGESTION):If swallowed, rinse mouth with plenty of water. Seek medical attention. Never give fluids to an unconscious person. Induce vomiting.

EYES:.....Immediately flush eyes with plenty of water for at least fifteen minutes. Get medical attention.

SKIN (DERMAL):Wash thoroughly with soap and water.

SIGNS AND SYMPTOMS OF EXPOSURE:Skin may get discolored upon contact with the dye.

SECTION 5 – FIRE-FIGHTING MEASURES

FLASHPOINT:.....N/A.

LOWER FLAME LIMIT:N/A.

HIGHER FLAME LIMIT:.....N/A.

AUTO IGNITION TEMPERATURE: No data available.

EXTINGUISHING MEDIA: In case of fire use water spray, foam, dry chemical or CO₂.

SPECIAL FIRE FIGHTING PROCEDURES:.....Firefighters should be equipped with self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS:Dusts, when mixed with the right proportions of air and in a source of ignition, have the potential to be explosive.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

HANDLING PRECAUTIONS:.....In accordance with good industrial practices, handle with care to avoid contact.

SPILL PROCEDURES:Spills should be swept up and placed in containers. Spill areas can be washed with water; collect waste water for approved disposal method.

WASTE DISPOSAL:Waste disposal should be in accordance with existing federal, state and local environmental regulations.

RCRA HAZARDOUS CLASS:N/A.

RCRA HAZARDOUS WASTE NUMBER:Not regulated.

SECTION 7 – HANDLING and STORAGE

STORAGE:.....Keep container tightly closed. Store in a cool, dry place.

HANDLING:.....In accordance with good industrial practices, handle with care to avoid contact.

VENTILATION:.....Use local ventilation if dusting is a problem.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS (OEL):N/A

RESPIRATORY PROTECTION:Avoid the inhalation of dusts. When the potential for dusting exists use a NIOSH/MSHA approved respirator with dust filter.

PROTECTIVE CLOTHING:.....Wear gloves, coveralls, apron, and boots as necessary to prevent skin contact. Wear safety glasses with side-shields (frame goggles).

SAFETY STATION:.....Eye wash station should be easily accessible.

CONTAMINATED EQUIPMENT:N/A.

SECTION 9 – PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE & ODOR:Greenish powder; odorless.
ODOR THRESHOLD:.....Not Available
PHYSICAL STATE:.....Powder.
SOLUBILITY IN WATER:.....Insoluble.
OTHER SOLUBILITY:.....Solvent.
BOILING POINT:.....N/A.
FREEZING POINT:N/A.
MELTING POINT:207-208 °C
DECOMPOSITION TEMPERATURE:235 °C, 90 kJ/kg (DSC (DIN 51007))
FLASH POINT:.....N/A.
AUTO IGNITION TEMPERATURE: No data available.
FLAMMABILITY (SOLID/GAS):.....Not flammable (may form combustible dust-air mixtures)
UPPER FLAMMABILITY LIMIT:N/A.
LOWER FLAMMABILITY LIMITN/A.
VAPOR PRESSURE:N/A.
VAPOR DENSITY (AIR=1):.....N/A.
PARTITION COEFFICIENT (n-octanol/water): Not Available
SPECIFIC GRAVITY:Not Available
pH:.....7.0 - 8.0
VOLATILITY INCLUDING WATER: N/A.
EVAPORATION RATE:.....N/A.
VISCOSITY:Not Available.
BULK DENSITY:~ 330 kg/m3

SECTION 10 – STABILITY and REACTIVITY

REACTIVITY:No dangerous reactions known under normal conditions of use
STABILITY:Stable.
HAZARDOUS DECOMP.:Carbon monoxide, carbon dioxide, oxides of nitrogen, sulfur, and other potentially toxic fumes.
INCOMPATIBILITY:Oxidizing and reducing agents may destroy color.
POLYMERIZATION:None expected.
CONDITIONS TO AVOID:None.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxic Ingredient	Percentage of Formula	CAS#	De Minimis Level
N/A	N/A	N/A	N/A

EYE:Solid particles (powder/dust) on the eye may cause pain and irritation.
SKIN:.....May cause skin irritation.
INGESTION:.....Ingestion may cause irritation.
INHALATION:N/A.
COMMON ROUTES OF EXPOSURE:Ingestion, Inhalation, Skin & Eyes.
CARCINOGENICITY:.....This chemical is not considered to be carcinogenic by NTP, IARC, or OSHA.
GERM CELL MUTAGENICITY:Based on the ingredients, there is no suspicion of a mutagenic effect.
CHRONIC EFFECT:.....N/A.
LD₅₀:Rat (Oral): > 5,000 mg/kg.
IRRITATION:May be slightly irritating to the eyes & skin on contact.
SIGNS AND SYMPTOMS OF EXPOSURE:Skin may get discolored upon contact with the dye.



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PYLAKROME FLUORESCENT YELLOW DYE

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY:Fish (48 h): > 100 mg/l, *Leuciscus idus melanotus* (static); There is a high probability that the product is not acutely harmful to aquatic organisms.

PERSISTENCE & DEGRADABILITY:Colourants are by their nature very stable and are therefore not readily biodegradable under conditions prevailing in surface water or in effluent treatment plants. The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

BIOACCUMULATIVE POTENTIAL:No Data Available.

MOBILITY IN THE ENVIRONMENT:The substance will not evaporate into the atmosphere from the water surface.

SECTION 13 –DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:Waste disposal should be in accordance with existing federal, state and local environmental regulations.

RCRA HAZARDOUS CLASS:N/A.

RCRA HAZARDOUS NUMBER:.....Not regulated.

SECTION 14 – TRANSPORTATION INFORMATION

The information listed below is offered to supplement the data which may also be found on the product's label. Depending on the packaging quantities and packaging instructions, the item may be subject to specific regulatory exceptions.

DOT TRANSPORTATION INFORMATION

DOT SHIPPING NAME:Non-hazardous powdered dye; Item # 154800.

HAZARD CLASS:N/A.

UN CODE:N/A.

NA NUMBER:.....N/A.

PACKAGING GROUP :N/A.

SPECIAL PROVISIONS:.....None.

REPORTABLE QUANTITY:.....N/A.

VESSEL STOWAGE:N/A.

EMERGENCY RESPONSE PAGE: N/A.

SECTION 15 - REGULATIONS

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

TSCA STATUS:This product is registered under the regulations of the Toxic Substances Control Act (TSCA).

RCRA HAZARDOUS CLASS:N/A.

RCRA HAZARDOUS NUMBER:.....Not regulated.

CERCLA REPORTABLE QUANTITY:.....N/A.

CERCLA HAZARDOUS SUBSTANCE:.....Not regulated.

SARA 312:N/A.

SARA SECTION 313:.....SARA Title III Section 313: This product is not reportable for SARA 313.

OSHA CRITERIA:No carcinogenicity unless listed in Section 3 or 11 of the Safety Data Sheet.



SAFETY DATA SHEET (SDS)

LX-10215

PYLAKROME FLUORESCENT YELLOW DYE

STATE REGULATIONS

REGULATED COMPONENT CAS #	COMPONENT CONCENTRATION	STATE REGISTRATION
N/A	N/A	N/A

SECTION 16 – OTHER INFORMATION

HMIS Information :

Health:1
 Flammability:.....1
 Reactivity:.....0
 Personal Protection:.....SD

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