



Anand Engineers Pvt. Ltd.

Safety Data Sheet

MOLYGRAPH® Punch 4300 S SRI

SECTION 1 : PRODUCT & COMPANY IDENTIFICATION

Product Name : MOLYGRAPH® Punch 4300 S SRI

Product Use Description : Punching Oil

Company : Anand Engineers Pvt. Ltd.,
66, MIDC, Road No.13,
Andheri (East) Mumbai 400 093, India.

Emergency Telephones : +9122 2821 9292 / 98 / 99.

SECTION 2 : HAZARDS IDENTIFICATION

Signal Word : Warning

Hazards statement :

Acute toxicity, Oral
Causes may be skin irritation.

Precautionary Statements :

Keep away from heat/sparks/open flame/hot surfaces.
No Smoking
Wear protective gloves/protective clothing/eye protection.
IF IN EYES: Rinse cautiously with water for several minutes.



Flammable :- Flammable Liquid (Category - 2)



Warning :- Harmful if swallowed. (Category - 4)

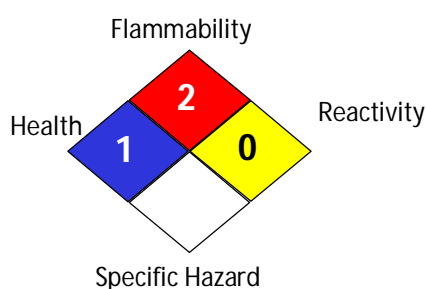


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NFPA Scale (0-4)



HMIS Ratings (0-4)

Health	1
Flammability	2
Physical Hazards	0
Personal Protective	F

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name/ Ingredients	% by wt.	CAS NO :
Synthetic Hydrocarbons	>90	64742-54-7
Proprietary Additives	5 - 10	-

As Product Formulation is Proprietary, no other ingredients are known to be hazardous under normal usage.

SECTION 4 : FIRST AID MEASURES

Eye Exposure: Immediately flush with plenty of water until all residual material is gone. If irritation persists get medical help.

Ingestion: Not expected under normal condition. Do not induce vomiting. Wash out mouth. Contact physician immediately.

Skin Contact: Remove by wiping or with waterless hand cleaner, followed by washing with soap & water. If irritation persists get medical help

Inhalation: Not expected under normal condition. If mists or degradation products are inhaled, remove to fresh air. Administer oxygen or artificial respiration as indicated and get immediate medical attention.

Note To Physicians: Treat symptomatically.



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SECTION 5 : FIRE FIGHTING MEASURES

Extinguishing Media:

Use Dry Chemicals Powder (DCP), Foam, Carbon dioxide (CO₂) & Sand.

Do not apply water on fire.

Chemical hazards from fire:

Oxides of carbon, smoke and irritating vapours as products of incomplete combustion. Use proper PPEs while extinguishing of fire.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Spillage: - Avoid walking through spilled material and informed to superior.

Protective equipment

Wear appropriate protective equipment (i.e. Nitrile gloves, safety goggle, face mask & apron etc.)

Method of containment and cleanup :

Scoop or wipe up spilled material and place in clean container for later disposal.

Thoroughly remove residue to prevent slipping.

Prevent entry into waterways and sewers.

SECTION 7 : HANDLING AND STORAGE

Handling Procedures: No special handling precautions

Keep away from heat, sparks, flames or strong oxidizers when handling.

Avoid skin and eye contact. Do not pressurize, cut, heat or weld empty containers.

Storage Requirements: Store in cool, dry, well ventilated place away from ignition sources and Incompatible material.

SECTION 8 : EXPOSURE CONTROLS / PERSONNEL PROTECTION

Exposure Limits: This product does not contain any components which have recognised exposure limits.

OSHA's permissible exposure limit (PEL'S TWA):

Oil mist: OSHA PEL – TWA 5mg/m³.

TWA: 100mg/m³ (14 ppm)

Threshold limit values (TLV's) :

Hexylene Glycol: ACGIH TLV ceiling mist 25ppm, 125mg/m³.

Protective equipment

Wear appropriate protective equipment (i.e. Nitrile gloves, safety goggle, face mask & apron etc.)



Appropriate engineering control :

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Ensure that dust handling in systems (exhaust ducts, dust collectors , vessels and processing equipment) are designed to prevent the escape of dust into the work area.

Respiratory Protection: Not required under normal working condition.

Eye Protection: Use approved safety glasses or goggles

Skin Protection: Impervious gloves and protective clothing to prevent skin contact



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SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Sr. No	Test	Result
1	Physical state	Liquid
2	Colour/Odour	Colourless, Light Odour
3	Density	0.778 kg/l
4	Solubility in water	Insoluble
5	Flash Point (ASTM D-92)	58 °C
6	Boiling Point	220 °C
7	Self Ignition Point	300 °C
8	Vapour Pressure@ 37 °C	0.12 kpa
9	Volatility	100.0 %
10	Reactivity in water	Not Reactive
11	PH Sol. 1:10	Not Applicable

SECTION 10 : STABILITY AND REACTIVITY

Stability (thermal, light etc.) : Stable

Materials to avoid: Strong acids and oxidizing agents

Conditions to avoid: Powerful sources of ignition, extreme temperatures

Hazardous Decomposition Products: May release Carbon Dioxide and Carbon Monoxide when heated to decomposition.

SECTION 11 : TOXICOLOGICAL INFORMATION

Acute Inhalation & Oral Toxic:

LD50: 2800mg/kg rat.

Eye: 0.4%, moderate

EP Compound:



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Acute Toxicity :

Inhalation: Mouse in the vapours for 2 hours. None

Ingestion: Mouse 12.5ml/kg , None

Local Effects:

Skin : Rabbit, None

Eye : Rabbit , None

Chronic Toxic: No information found.

Variation Toxic: No information found.

Next generation Effects: No information found.

Carcinogenic Effects: No information found.

SECTION 12 : ECOLOGICAL INFORMATION

Eco-toxicity : No ecological data is available.

Persistence / Degradability : Not available

Mobility : Not Available

Bioacumulative Potential : Not Available

Environment Protection : Do not discharge this material into waterways, drains and sewers.

SECTION 13 : DISPOSAL CONSIDERATIONS

Disposal Considerations: Dispose of waste according to applicable local/national regulations. Empty the containers completely before disposal. Contaminated containers must not be treated as household waste.



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SECTION 14 : TRANSPORT INFORMATION

DOT (LAND): Not Regulated for Land Transport.

TDG (LAND): Not Regulated for Land Transport.

IMDG (SEA): Not Regulated for Sea Transport.

Marine Pollutant : No

IATA (AIR): Not Regulated for Air Transport.

SECTION 15 : REGULATORY INFORMATION

Regulatory Information: Classified as Non-Hazardous.

OSHA HAZARD COMMUNICATION STANDARD: This material is not considered hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200.

Complies with the following national/regional chemical inventory requirements: AICS, DSL, ENCS, IECSC, KECI, PICCS, TSCA

EPCRA SECTION 302: This material contains no extremely hazardous substances.

SARA (311/312) REPORTABLE HAZARD CATEGORIES: None.

SARA (313) TOXIC RELEASE INVENTORY: None



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SECTION 16 : OTHER INFORMATION

References:

GHS (Globally Harmonized System)
NFPA 704 - Labelling Guide
OSHA Hazard Communication Standard.

Disclaimer:

This information is offered in good faith as typical values and not as product specifications, and no warranty, either expressed or implied, is hereby made. No liability is accepted whether direct or indirect from application of this information, since the conditions of final use are outside the Company's control.

The information provided is accurate to the best of Anand Engineers Pvt. Ltd's knowledge or obtained from sources believed by Anand Engineers Pvt. Ltd to be accurate. Before using the product, read all warnings and directions on the label. There commended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

For further clarification of any information contained in this SDS consult your supervisor, or health & safety professional, or Anand Engineers Pvt. Ltd.