



514, 6th Floor, Adamji Bldg., 413, Narshi Natha Street, Mumbai - 400 009. (INDIA).

Tel. : 0091-22-2343 9093 | Fax : 0091-22-6634 9992 | E-mail : [info@hajexports.com](mailto:info@hajexports.com) | Web : [www.hajexports.com](http://www.hajexports.com)

## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT NAME</b>	COMBINATION DRIER N – 2
<b>PRODUCT IDENTIFICATION NUMBER</b>	(LEAD OCTOATE 11.25% + COBALT OCTOATE 1% + CALCIUM OCTOATE 1.8%)
<b>MANUFACTURER/SUPPLIER</b>	Haj Exports. 6 <sup>th</sup> FLOOR, 514 ADAMJI BLDG, 413 NARSI NATHA STREET, MUMBAI – INDIA. PIN: 400 009. TELEPHONE: (91-22) 23439093 / FAX: (91-22) 66349992 E- MAIL: <a href="mailto:INFO@HAJEXPORTS.COM">INFO@HAJEXPORTS.COM</a>
<b>MSDS PREPARED BY</b>	SAFETY AND HEALTH
<b>CHEMICAL NAME</b>	ORGANOMETALLIC COMPOUND
<b>MOLECULAR WEIGHT RANGE</b>	LEAD OCTOATE : 393 AVERAGE COBALT OCTOATE : 345 AVERAGE CALCIUM OCTOATE : 327 AVERAGE
<b>PRODUCT USE</b>	PAINT DRIER/CATALYST

### 2. COMPOSITION INFORMATION ON INGREDIENTS

(TYPICAL COMPOSITION IS GIVEN AND IT MAY VARY. A CERTIFICATE OF ANALYSIS CAN BE PROVIDED)

**NON VOLATILE MATTER %**

40 - 50 %

**COMPONENT**

METALLIC COMPLEX OF 2-ETHYL  
HEXANOIC ACID

**MINERAL TURPENTINE OIL %**

50 - 60 %

### 3. CHEMICAL CLASSIFICATION

IMCO NUMBER : NONE KNOWN

IMCO CODE : NONE KNOWN

UN NUMBER : NONE KNOWN

UN PACKAGE : NONE KNOWN

CAS NUMBER : NONE KNOWN



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### 4. HAZARDS IDENTIFICATION

<b>PRIMARY ROUTES OF EXPOSURE</b>	INHALATION, INGESTION AND DERMAL
<b>LOCAL EFFECTS</b>	COMBINATION DRIER N-2 IS PRIMARY SKIN IRRITANT. MAY CAUSE SKIN DEFATTING WITH PROLONGED EXPOSURE. PROLONGED EXPOSURE MAY DRY THE SKIN. SYMPTOMS MAY INCLUDE REDNESS, BURNING, DRYING, CRACKING AND SKIN DAMAGE. PRE-EXISTING SKIN DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL.
<b>EFFECTS OF OVEREXPOSURE SHORT TERM</b>	VAPOUR CONCENTRATIONS ABOVE RECOMMENDED EXPOSURE MAY MAY BE IRRITATING TO THE EYES & RESPIRATORY TRACT. MAY CAUSE HEADACHE AND DIZZINESS. COULD BE ANESTHETIC AND MAY HAVE OTHER CENTRAL NERVOUS SYSTEM EFFECTS.
<b>EFFECTS OF OVEREXPOSURE LONG TERM</b>	EXPOSURE TO COMBINATION N-2 COMPOUNDS BY INHALATION AND SKIN CONTACT MAY CAUSE SENSITIZATION.
<b>TOXICITY DATA</b>	NO DATA AT THIS TIME
<b>ECOTOXICOLOGICAL INFORMATION</b>	NO DATA AT THIS TIME

### 5. FIRST-AID MEASURES

<b>INHALATION</b>	USING PROPER RESPIRATORY PROTECTION EQUIPMENTS, IMMEDIATELY REMOVE THE AFFECTED VICTIM FROM EXPOSURE AND ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. KEEP AT REST. CALL FOR PROMPT MEDICAL ATTENTION.
<b>EYES</b>	FLUSH EYES WITH LARGE AMOUNTS OF WATER UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSISTS GET MEDICAL ATTENTION.
<b>SKIN</b>	FLUSH WITH LARGE AMOUNT OF WATER. USE SOAP IF AVAILABLE. REMOVE GROSSLY CONTAMINATED CLOTHING AND SHOES AND LAUNDER THEM BEFORE REUSE.
<b>INGESTION</b>	IF SWALLOWED, DO NOT INDUCE VOMITING. KEEP AT REST. GET PROMPT MEDICAL ATTENTION.

### 6. FIRE FIGHTING MEASURES

<b>EXTINGUISHING MEDIA</b>	WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE, FOAM
<b>SPECIAL FIRE-FIGHTING PROCEDURES</b>	WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b>	NONE



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### 7. STABILITY AND REACTIVITY

<b>CHEMICAL STABILITY</b>	THE PRODUCT IS STABLE
<b>POSSIBILITY OF HAZARDOUS REACTIONS</b>	UNDER NORMAL CONDITIONS OF STORAGE AND USE, HAZARDOUS REACTIONS WILL NOT OCCUR.
<b>HAZARDOUS POLYMERIZATION</b>	UNDER NORMAL CONDITION OF STORAGE AND USE, HAZARDOUS POLYMERIZATION WILL NOT OCCUR
<b>CONDITIONS TO AVOID</b>	NO SPECIFIC DATA
<b>MATERIALS TO AVOID</b>	NO SPECIFIC DATA
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	UNDER NORMAL CONDITIONS OF STORAGE AND USE, HAZARDOUS DECOMPOSITION PRODUCTS WILL NOT BE PRODUCED
<b>INCOMPATIBILITY WITH VARIOUS SUBSTANCES</b>	REACTIVE OR INCOMPATIBLE WITH THE FOLLOWING MATERIALS: OXIDIZING MATERIALS

### 8. ACCIDENTAL RELEASE MEASURES

<b>VENTILATION</b>	PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S)
<b>RESPIRATORY PROTECTION</b>	APPROPRIATE RESPIRATORY PROTECTION EQUIPMENT SHALL BE WORN WHEN APPLIED ENGINEERING CONTROLS ARE NOT ADEQUATE TO PROTECT AGAINST INHALATION EXPOSURE.
<b>PROTECTIVE GLOVES</b>	CHEMICAL RESISTANT GLOVES.
<b>EYE AND FACE PROTECTION</b>	WEAR SAFETY GLASSES WITH SIDE SHIELDS OR CHEMICAL GOGGLES.
<b>OTHER PROTECTIVE EQUIPMENT'S</b>	MINIMIZE SKIN CONTACTS BY WEARING LONG-SLEEVED SHIRT, GLOVES AND TROUSERS FOR ROUTINE PRODUCT HANDLING.

### 9. DISPOSAL CONSIDERATIONS

<b>HANDLING</b>	THE GENERATION OF WASTE SHOULD BE AVOIDED OR MINIMIZED WHEREVER POSSIBLE. EMPTY CONTAINERS OR LINERS MAY RETAIN SOME PRODUCT RESIDUES. THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OFF IN A SAFE WAY. DISPOSAL OF SURPLUS AND NON-RECYCLABLE PRODUCTS SHOULD BE DONE VIA A LICENSED WASTE DISPOSAL CONTRACTOR. DISPOSAL OF THIS PRODUCT, SOLUTIONS AND ANY BYPRODUCTS SHOULD AT ALL TIMES COMPLY WITH THE REQUIREMENTS OF ENVIRONMENTAL PROTECTION AND WASTE DISPOSAL LEGISLATION AND ANY REGIONAL, LOCAL AUTHORITY REQUIREMENTS. AVOID DISPERSAL OF SPILLED MATERIAL AND RUNOFF AND CONTACT WITH SOIL, WATERWAYS, DRAINS AND SEWERS.
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### 10. HANDLING AND STORAGE

<b>HANDLING</b>	KEEP CONTAINER CLOSED WHEN NOT IN USE. USE ONLY IN A WELL-VENTILATED AREA. AVOID CONTACT WITH SKIN AND EYES. KEEP AWAY FROM FOOD AND SMOKING.
<b>STORAGE</b>	KEEP CONTAINER AND STORAGE CONTAINER CLOSED WHEN NOT IN USE. DO NOT STORE NEAR HEAT, SPARKS OR OPEN FLAMES.
<b>CORROSIVENESS</b>	THIS MATERIAL IS NOT CORROSIVE
<b>ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED</b>	TAKE MEASURES TO MINIMIZE THE EFFECT ON THE GROUND WATER. CONTAIN SPILLED LIQUID WITH SAND OR EARTH. RECOVER BY PUMPING (USE AN EXPLOSION PROOF HAND PUMP) OR WITH A SUITABLE ABSORBENT. IF LIQUID IS TOO VISCOUS FOR PUMPING SCRAPE UP WITH SHOVELS OR PAILS AND PLACE IN SUITABLE CONTAINERS FOR RECYCLING OR DISPOSAL.
<b>DISPOSAL METHOD</b>	AS LOCAL REGULATIONS MAY VARY ALL WASTE MUST BE DISPOSED / RECYCLED / RECLAIMED IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS. DO NOT DUMP INTO ANY SEWERS ON THE GROUND OR INTO ANY BODY OF WATER.
<b>EXTINGUISHING MEDIA</b>	USE FOAM, DRY CHEMICAL OR WATER SPRAY TO EXTINGUISH FIRE. WATER SPRAY CAN BE USED TO COOL ADJACENT SURFACE.

### 11. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE</b>	CLEAR LIQUID
<b>COLOR</b>	VIOLET WITH REDDISH TINGE
<b>SPECIFIC GRAVITY AT 30° C.</b>	0.97 ± 0.02
<b>NON VOLATILE MATTER AT 120° C.</b>	45 ± 5 %
<b>TOTAL METAL CONTENT</b>	14.05 ± 0.2 %
<b>VISCOSITY</b>	MAX 35 SEC.
<b>MT TOLERANCE</b>	PASSES THE TEST (1:19)
<b>RLO TOLERANCE</b>	PASSES THE TEST (1:19)
<b>STABILITY</b>	STABLE

### 12. OTHER INFORMATION

THE INFORMATION CONTAINED HEREIN IS BASED ON CURRENT KNOWLEDGE AND EXPERIENCE. NO RESPONSIBILITY IS ACCEPTED THAT THE INFORMATION IS SUFFICIENT OR CORRECT IN ALL CASES. USERS SHOULD CONSIDER THESE DATA ONLY AS A SUPPLEMENT TO OTHER INFORMATION. USERS SHOULD MAKE INDEPENDENT DETERMINATION OF SUITABILITY AND COMPLETENESS OF INFORMATION FROM ALL SOURCES TO ENSURE PROPER USE AND DISPOSAL OF THESE MATERIALS, THE SAFETY AND HEALTH OF EMPLOYEES AND CUSTOMERS, AND THE PROTECTION OF THE ENVIRONMENT.



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### 13. DISPOSAL CONSIDERATIONS

#### PRODUCT/ PACKAGING RECOMMENDATIONS

VIA A REPUTABLE CHEMICAL DISPOSAL COMPANY, COMPLYING WITH CURRENT LEGAL REQUIREMENTS. WITHIN THE EEC, THE COMPOUND(S) LISTED BELOW ARE REGARDED AS SPECIAL WASTE UNDER THE "CONTROL OF POLLUTION (SPECIAL WASTE) REGULATIONS 1980.

### 14. TRANSPORT INFORMATION

UN NO.	NA
ADR/RID- ROAD/	NA
ICAO/IATA- AIR	NA
IMO.IMDG- SEA	NA
PROPER SHIPPING NAME	NA

### 15. REGULATORY INFORMATION

LABELING	NA
XN	NA
R10	NA
R 21/22	NA
S28	NA
OTHER	NA

### 16. OTHER INFORMATION

CONTACT PERSON	MR. BHAVESH OZA
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PRODUCTS	PVC HEAT STABILIZERS, COBALT SALTS SUCH AS SULFATES, OXIDES