



HEALTH & SAFETY DATASHEET

MANUFACTURED TO BS EN ISO 9001 : 2000 (FM 09387)

1 : PRODUCT IDENTIFICATION AND COMPANY NAME

Sonamag U30L

**FLUORESCENT MAGNETIC INK CONCENTRATE FOR M.P.I. (BS EN ISO 9934 - 2 - 2002)
DILUTION RATE 50:1 WITH A SUITABLE HYDROCARBON CARRIER**

Supplier details

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2 : COMPOSITION

SONAMAG U30L, IS A BLEND OF INERT FLUORESCENT MAGNETISABLE PARTICLES IN A HYDROCARBON DISTILLATE

THE CONSTITUENTS OF THIS PRODUCT ARE LISTED IN 'EINECS' (EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES) OR 'ELINCS' (EUROPEAN INVENTORY LIST OF NEW CHEMICAL SUBSTANCES OR ARE EXEMPT)

SEE SECTION 8 FOR OCCUPATIONAL EXPOSURE LIMITS.

3 : HAZARDS IDENTIFICATION

HARMFUL, MAY CAUSE LUNG DAMAGE IF SWALLOWED
REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING

4 : FIRST AID MEASURES

Eyes	PROMPTLY WASH EYES WITH LOTS OF WATER WHILST LIFTING EYELID. CONTINUE TO RINSE FOR 15 MINS AND OBTAIN MEDICAL ASSISTANCE IF PROBLEM PERSISTS
Skin	REMOVE VICTIM FROM SOURCE OF CONTAMINATION, WASH EFFECTED AREA WITH MILD SOAP OR DETERGENT. REMOVE ANY CONTAMINATED CLOTHING
Inhalation	MOVE EXPOSED PERSON TO FRESH AIR, PERFORM ARTIFICIAL RESPIRATION IF PERSON HAS STOPPED BREATHING. KEEP WARM AND AT REST
Aspiration	SEND PATIENT TO HOSPITAL OR OBTAIN MEDICAL ATTENTION IMMEDIATELY
Ingestion	NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS. DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION IMMEDIATELY

5 : FIRE FIGHTING MEASURES

Extinguishing Media	WATER SPRAY, FOM OR MIST, FOAM CO2, DRY CHEMICALS, SAND
Flashpoint	OVER 70 DEG C.
Special Exposure Hazards	NO SPECIAL HAZARD
Explosive Limits	0.6% TO 7% BY VOLUME IN AIR.
Special Protective Equipment	USE BREATHING APPARATUS

6 : ACCIDENTAL RELEASE MEASURES

Personal Precautions	PROTECT EYES AND SKIN. USE BREATHING APPARATUS.
Environmental Precautions	PREVENT ENTRY INTO WATER COURSES, DRAINS AND SEWERS
Behaviour in Water	IMMISIBLE – FLOATS.
Decontamination Procedure	SWEEP UP WITH ABSORBENT GRANULES AND DISPOSE OF BY THE BEST AVAILABLE METHOD.

7 : HANDLING AND STORAGE

Handling	<p>AVOID SKIN AND EYE CONTACT</p> <p>DO NOT SMOKE WHEN USING THIS PORDUCT</p> <p>DO NOT USE NEAR SOURCES OF IGNITION</p> <p>WASH HANDS THOROUGHLY AFTER HANDLING THIS PRODUCT</p> <p>USE GOOD HYGENIC PRACTICE.</p>
Storage	STORE IN A COOL DRY PLACE OUT OF DIRECT SUNLIGHT. DO NOT EXPOSE TO TEMPERATURES ABOVE 50 DEG C
Shelflife	OPERATING TEMPS 5 TO 50 DEG C CONCENTRATE 3 YEARS

8 : EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Limits	TWA 8-HOUR	HYDROCARBON CARRIER	300PPM (RECOMMENDED)
	TWA 10 MINS	HYDROCARBON CARRIER	NO INFORMATION
	NOTE:- SINCE THIS PRODUCT IS DILUTED 50 TO 1 WITH A SUITABLE CARRIER, IT IS RECOMMENDED THAT THE TWA'S ARE BASED ON THIS CARRIER. ALL INFORMATION GIVEN HERE REFERS TO CONCENTRATE ONLY		
Personal Protection	PVC GLOVES TO AVOID SKIN CONTACT AND SPLASHPROOF GOGGLES TO PREVENT EYE CONTACT.		

9 : PHYSICAL AND CHEMICAL PROPERTIES

General Classification	HYDROCARBON
Appearance	BROWN MOBILE LIQUID WHEN SHAKEN
Approx. Density	AT 15 DEG C 0.79
Flashpoint	VISCOSITY <3CST AT 40 DEG C FLASH POINT >70 DEG C SOLID CONTENT - .25% VOL/VOL (B.S4069) WHEN DILUTED 50 TO 1 INITIAL BOILING POINT 198DEG C

NOTE - ALL VALUES ARE TYPICAL

10 : STABILITY AND REACTIVITY

Stability	PRODUCT IS STABLE
Conditions To Avoid	DO NOT SPRAY ONTO SOURCES OF IGNITION, HOT AREAS WILL CAUSE VAPOUR EMISSIONS AND POSSIBILITY OF FLASHES
Materials To Avoid	STRONG OXIDISING AGENTS, NATURAL RUBBERS POLYSTYRENE AND BUTYLE RUBBERS
Hazardous Decomposition Products	NONE

11 : TOXICOLOGICAL INFORMATION

On Eyes	IRRITATING, BUT DOES NOT CAUSE IRREVERSIBLE DAMAGE
On Skin	LOW ORDER OF TOXICITY, FREQUENT AND PROLONGED CONTACT MAY CAUSE IRRITATION AND DERMATITIS
By Inhalation	HIGH VAPOUR CONCENTRATION ARE IRRITATING TO THE EYES AND THE RESPIRATORY TRACT. HEADACHES, DIZZINESS AND ANAESTHETIC EFFECTS ON CENTRAL NERVOUS SYSTEM
By Ingestion	LOW ORDER OF TOXICITY
Other	RAT - ORAL LD 50 > 5G/KG RABBIT - DERMAL LD 50 > 3G/KG

12 : ECOLOGICAL CONSIDERATIONS

Degradability	NOT READILY BIODEGRADABLE, SHORT AND MID TERM BEHAVIOUR IN WATER - IMMISCIBLE FLOATS
Mobility	MOBILE LIQUID

13 : DISPOSAL CONSIDERATIONS

Disposal	DISPOSAL IN ACCORDANCE WITH LOCAL AND NATIONAL REGULATIONS USING AUTHORISED CONTRACTORS LICENSED SITES OR AUTHORISED LICENSING. DUMPING INTO SEWERS, ON THE GROUND IS STRONGLY DISCOURAGED AND IS ILLEGAL
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14 : TRANSPORT INFORMATION

Road	(BULK) NON-HAZARDOUS
Sea	(BULK) NON-HAZARDOUS
Air	(BULK) NON-RESTRICTED

15 : REGULATORY INFORMATION

Hazard Label Data	HARMFUL Xn
Risk Phrases	R65 - HARMFUL, MAY CAUSE LUNG DAMAGE IF SWALLOWED R66 - REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING
Safety Phrases	S2 - KEEP OUT OF REACH OF CHILDREN. S16 - KEEP AWAY FROM SOURCES OF IGNITION, DO NOT SMOKE WHEN USING THIS PRODUCT. S23 - DO NOT BREATHE FUMES/VAPOUR/SPRAY- USE IN WELL VENTILLATED AREAS. S24/25 - AVOID CONTACT WITH SKIN AND EYES. S29 - DO NOT EMPTY INTO DRAINS. S36/37 - WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES. S43A - IN CASE OF FIRE, USE SAND, EARTH, CHEMICAL POWDER OR FOAM. S62 - IF SWALLOWED DO NOT INDUCE VOMITING: SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW CONTAINER OR DATA SHEET. DO NOT EXPOSE TO TEMPERATURES ABOVE 50°CAND DIRECT SUNLIGHT. ENSURE ADEQUATE VENTILATION WHEN USED IN CONFINED AREAS.

16 : OTHER INFORMATION

Other Information	EXAMINE USING HIGH INTENSITY UV LIGHT, ALSO AVAILABLE NEOASTRA D.G.C AN EXTRA BRIGHT CONCENTRATE FLUORESCENT MAGNETIC INK FOR USE IN AREAS WHERE BACKGROUND WHITE LIGHT IS PRESENT. NEOASTRA FC AND NEOASTRA DGC MAY BE PURCHASED READY MIXED AS NEOASTRA F OR NEOASTRA DG.
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Additional Information

Miscellaneous

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