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THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BELIEVED TO BE ACCURATE - HOWEVER NO GUARANTEE OR WARRANTY EXPRESSED OR IMPLIED IS GIVEN

SECTION 1 PRODUCT

IDENTIFICATION & MANUFACTURE

NAME: SENO 3207 FINE ETCH CRYSTALS.
PART NOS.: 13-2005 CRYSTALS TO MAKE
1 LITER OF SOLUTION.

SUPPLIERS NAME, REGISTERED
ADDRESS AND EMERGENCY TEL NO:
Vero Technologies Ltd, UNITS 25, SOLENT
INDUSTRIAL ESTATE, SHAMBLEHURST
LANE, HEDGE END, HANTS SO30
2FY.01489776930

ORGANISATIONS NAME & ADDRESS AT WHICH MANUFACTURED

KEPETS GMBH. TEL: 0049 6445 5810
NORDSTRASSE 24
D-35641 SCHÖFFENGRUND
LAUFDORF.
GERMANY.

SECTION 2

COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT %BY WT CAS & EEC NOS.:
HAZARD R PHRASE NOS:
DI-SODIUM 7775-27-1 XN 8 22 36/37/38
PEROXODISULPHATE 231-892-1 O.
HEXAHYDRATE

SECTION 3 HAZARDS

IDENTIFICATION

HAZARDOUS IF SWALLOWED.
IRRITATING TO EYES AND SKIN.
DANGER OF DECOMPOSITION IN
EXTREME HEAT.

SECTION 4 FIRST AID MEASURES

INHALATION:
MOVE TO FRESH AIR AND KEEP AT REST.
IF SYMPTOMS OF COUGHING AND
IRRITATED MUCOUS MEMBRANE PERSIST
SEEK MEDICAL ATTENTION.
SKIN CONTACT:
REMOVE CONTAMINATED CLOTHING.
WASH AFFECTED AREA WITH SOAP AND
WATER. IF IRRITATION OCCURS AND
PERSISTS, SEEK MEDICAL ATTENTION.
EYE CONTACT:

FLUSH WITH WATER FOR 15 MINUTES.
SEEK MEDICAL ATTENTION

INGESTION:

RINSE MOUTH OUT WITH WATER. DO
NOT INDUCE VOMITING. SEEK
MEDICAL ATTENTION.

MEDICAL NOTES: IF USED SOLUTION
CONTAINING COPPER HAS BEEN
INGESTED,
CHECK KIDNEY FUNCTION.

SECTION 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA
WATER, FOAM, POWDER
COMBUSTION PRODUCTS
N/A

FIRE/EXPLOSION SCENARIOS
PRODUCT IS AN OXIDISING AGENT
SPECIAL PROTECTIVE EQUIPMENT FOR
FIRE FIGHTERS
SELF CONTAINED BREATHING APPARATUS
SHOULD BE WORN.

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION
REFER TO SECTION 8; PERSONAL
PROTECTION
ENVIRONMENTAL PRECAUTIONS .
AVOID ENTRY INTO DRAINS &
WATERWAYS.

WORKPLACE PRECAUTIONS N/A
METHODS FOR CLEARING UP: SWEEP
AND GATHER PRODUCT; AVOID
GENERATION OF DUST.

SECTION 7 HANDLING AND STORAGE HANDLING PRECAUTIONS

STORE IN COOL DRY PLACE, AVOID DAMP
AND EXTREME HEAT. AVOID DUST
CREATION WHEN MIXING.
STORAGE INCLUDING ANY SPECIAL
REQUIREMENTS (TEMPERATURE,
VENTILATION, ETC)
AVOID COMBUSTIBLES. KEEP AWAY FROM
ALKALINE

SECTION 8 EXPOSURE

CONTROL/PERSONAL PROTECTION
ENGINEERING CONTROLS/ VENTILATION
ENSURE ADEQUATE VENTILATION WHEN USING.

RESPIRATORY PROTECTION
WEAR MASK WHEN MIXING.
RECOMMENDED TYPE EN149 2001 FFP2
EYE PROTECTION
RECOMMENDED: PROTECTIVE GOGGLES
HAND PROTECTION
RECOMMENDED IMPERVIOUS GLOVES
E.G. NITRILE.

SKIN PROTECTION
WEAR SUITABLE PROTECTIVE CLOTHING

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: POWDER COLOUR: WHITE
ODOUR: WEAK OF OXYGENE/ OZONE
ACIDITY/ALKALINITY PH: 4.3
(MOLAR AQUEOUS SOLUTION)
BOILING POINT LM1-°C:
MELTING POINT °C: 180°C
FLASH POINT °C (OPEN/CLOSED CUP):
N.A.

AUTOIGNITION TEMP °C: N.A.
THERMAL DECOMPOSITION TEMP °C:
OXIDISING PROPERTIES:
EXPLOSIVE PROPERTIES: NON
FLAMMABLE
EXPLOSIVE LIMITS AT 25°C (% VOL IN AIR)

LOWER: UPPER:
RELATIVE DENSITY: 2.59GR / CCM AT
20°C SOLID CONTENT %:
SOLUBILITY IN WATER: 556G / L IN
WATER AT 20°C
PH VALUE: 4.3 AT 20°C MIXED 250G / 1
LITRE WATER

VOLATILE CONTENT
VAPOUR PRESSURE MMHG AT 20°C
RELATIVE VAPOUR DENSITY (AIR = 1):
(OF PRINCIPLE COMPONENT AND NAME):
EVAPORATION RATE CONDUCTIVITY:
(N-BUTYL ACETATE = 1):

SECTION 10 STABILITY AND REACTIVITY PROPERTIES

CONDITIONS TO AVOID: AVOID EXTREME
HEAT AND DAMPNES
MATERIALS TO AVOID:
HAZARDOUS DECOMPOSITION
PRODUCTS:

INCLUDE SULPHUR DIOXIDE AND
TRIOXIDE

SECTION 11 TOXICOLOGICAL INFORMATION

EFFECT OF EYE CONTACT:
IRRITATION,
EFFECT OF SKIN CONTACT:
SLIGHT IRRITATION WHEN IN REPEATED
CONTACT WITH SKIN, REPEATED
CONTACT CAN CAUSE DEGREASING AND
LEAD TO DERMATITIS

EFFECT OF INHALATION:
HIGH CONCENTRATIONS MAY LEAD TO
LOSS OF CONSCIOUSNESS
EFFECT OF INGESTION: HARMFUL – SEEK
IMMEDIATE MEDICAL ATTENTION

SECTION 12 ECOLOGICAL INFORMATION

POSSIBLE ENVIRONMENTAL EFFECTS AND
BEHAVIOUR/ODP/AQUATIC TOXICITY.
EC50 357 MG /L
LC50 323 MG / L

SECTION 13 DISPOSAL CONSIDERATIONS

SAFE DISPOSAL OF PRODUCT, ITS
RESIDUES AND PACKAGING MATERIALS:
IN ACCORDANCE WITH LOCAL
REGULATIONS VIA LICENSED
CONTRACTOR.
SEE ALSO SECTIONS 7 & 8 FOR
HANDLING PRECAUTIONS AND PERSONAL
PROTECTION WHERE APPLICABLE.

SECTION 14 TRANSPORT INFORMATION

UN NR: 1505 PACKING GROUP III
HAZARD CATEGORY: 5.1

SECTION 15 REGULATORY INFORMATION

HAZARD SYMBOL: XN – HARMFUL.
O – OXIDISING
CONTAINS: SODIUM PERSULPHATE)
RISK PHRASE NOS. & WORDS:
8 CONTACT WITH COMBUSTIBLE
MATERIALS MAY CAUSE FIRE.
22 HARMFUL IF SWALLOWED.
36/37/38 IRRITATING TO EYES
RESPIRATORY SYSTEM AND SKIN.
42/43 MAY CAUSE SENSITISATION BY
INHALATION AND SKIN CONTACT
SAFETY PHRASE NOS. & WORDS:
S17 KEEP AWAY FROM COMBUSTIBLE
MATERIAL.
S22 DO NOT BREATHE DUST

S26 IN CASE OF CONTACT WITH EYES /
RINSE IMMEDIATELY WITH PLENTY OF
WATER AND SEEK
MEDICAL ADVICE
S37 WEAR SUITABLE GLOVES
OTHER INFORMATION
EEC GUIDELINE 91/155/EEC REFERS
PUBLICATION REFS: COMPILED IN
ACCORDANCE WITH CHIP REGULATION
2002. HSC APPROVED CODE
OF PRACTICE, DOCUMENT L37

SECTION 16 OTHER INFORMATION

THE ABOVE INFORMATION IS BELIEVED
TO BE CORRECT BUT DOES NOT PURPORT
TO BE ALL INCLUSIVE AND SHALL BE
USED ONLY AS A GUIDE. THIS COMPANY
SHALL NOT BE HELD LIABLE FOR
ANY DAMAGE RESULTING FROM
HANDLING OR FROM CONTACT WITH THE
ABOVE PRODUCT.
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