

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 AND MANUFACTURE

NAME: SN4010 UNIVERSAL SOLVENT
PART NO: 600-024 & 600-025

MANUFACTURER'S/SUPPLIERS NAME, REGISTERED ADDRESS AND EMERGENCY TEL NO:

MEGA ELECTRONICS LTD.,
THE GRIP INDUSTRIAL ESTATE,
LINTON, CAMBRIDGE.
ENGLAND, CB21 4XN.
TELEPHONE: +0044 01223 893900

ORGANISATIONS NAME & ADDRESS AT WHICH MANUFACTURED

KEPETS GMBH.
NORDSTRASSE 24
D-35841 SCHÖFFENGRUND
LAUFDORF.
GERMANY.
TEL: 0049 644 55023

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	%BY WT	CAS & EEC Nos:	HAZARD	R PHRASE Nos:
PROPYLENETHER		N/A		(10) (24)

SECTION 3 HAZARDS IDENTIFICATION

COLLECT BY MEANS OF SUITABLE BINDING AGENT. REMOVE ALL POSSIBLE SOURCES OF IGNITION. AVOID ENTRY INTO EARTH OR DRAINAGE SYSTEM

SECTION 4 FIRST AID MEASURES

INHALATION:

REMOVE FROM EXPOSURE TO FRESH AIR.

SKIN CONTACT:

IRRIGATE THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING.

EYE CONTACT:

IRRIGATE THOROUGHLY WITH LOTS OF WATER. OBTAIN MEDICAL ATTENTION.

INGESTION:

RINSE MOUTH OUT WITH LOTS OF WATER, AND INDUCE VOMITING. SEEK MEDICAL ATTENTION.

MEDICAL NOTES: N/A

SECTION 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

WATER, ALCOHOL RESISTANT FOAM.

COMBUSTION PRODUCTS

KEEP AWAY FROM SOURCES OF IGNITION

FIRE/EXPLOSION SCENARIOS

DO NOT SMOKE AND KEEP AWAY FROM SOURCES OF IGNITION

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

WEAR SUITABLE PROTECTIVE GOGGLES AND CHEMICAL RESISTANT GLOVES

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION

USE ONLY ACCORDING TO INSTRUCTIONS. AVOID CONTACT WITH SKIN AND EYES. REMOVE CONTAMINATED CLOTHING.

ENVIRONMENTAL PRECAUTIONS . AVOID ENTRY INTO DRAINAGE SYSTEM AND EARTH

WORKPLACE PRECAUTIONS DO NOT EAT, DRINK OR SMOKE.

METHODS FOR CLEARING UP:

DRY, COLLECT AND PUT INTO SUITABLE CONTAINER FOR DISPOSAL.
LIQUID: ABSORB IN SAND OR OTHER INERT MATERIAL AND PUT INTO SUITABLE CONTAINER FOR DISPOSAL.

SECTION 7 HANDLING AND STORAGE

HANDLING PRECAUTIONS

HARMFUL IF SWALLOWED. ALWAYS WEAR SUITABLE PROTECTIVE CLOTHING (SEC. 8)
NO LOCAL EXHAUST VENTILATION IS REQUIRED IF USED ACCORDING TO INSTRUCTIONS. IF INHALED SEEK FRESH AIR IMMEDIATELY.

STORAGE INCLUDING ANY SPECIAL REQUIREMENTS (TEMPERATURE, VENTILATION, ETC)

STORE ONLY IN SUITABLE CONTAINERS ENSURING THEY ARE TIGHTLY CLOSED.
STORE, IN A COOL WELL VENTILATED AREA, AWAY FROM UNSUPERVISED CHILDREN, FOODSTUFF AND SOURCES OF IGNITION.

SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING CONTROLS/ VENTILATION

NO LOCAL EXHAUST VENTILATION REQUIRED IF USED ACCORDING TO INSTRUCTIONS.

RESPIRATORY PROTECTION

IF INHALED SEEK FRESH AIR IMMEDIATELY..

EYE PROTECTION

WEAR PROTECTIVE GOGGLES.

HAND PROTECTION

WEAR PROTECTIVE CHEMICAL RESISTANT GLOVES

SKIN PROTECTION

ALWAYS OBSERVE ALL USUAL PRECAUTIONS WHEN HANDLING CHEMICALS. DO NOT EAT, DRINK OR SMOKE WHEN HANDLING.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: LIQUID

COLOUR: CLEAR

ODOUR: ETHERLIKE

ACIDITY/ALKALINITY pH:
(Molar aqueous solution)
MELTING POINT

BOILING POINT 90°C

FLASH POINT °C (Open/Closed Cup): 38°C
(AST m d 56-70)

AUTO IGNITION TEMP °C: 290°C
(DIN 517 755)

THERMAL DECOMPOSITION TEMP °C:

OXIDISING PROPERTIES:

EXPLOSIVE PROPERTIES: FLAMMABLE

EXPLOSIVE LIMITS AT 25°C (% VOL. IN AIR)

LOWER: 1.9%

UPPER: 13.1 (Vol % in air)

RELATIVE DENSITY: 0.919 at 25°C (bulk density)

SOLID CONTENT %:

SOLUBILITY IN WATER: MISCIBLE AT 20°C

SOLUBILITY IN ORGANIC SOLVENTS

VOLATILE CONTENT

VAPOUR PRESSURE 16.6 AT °C
(of principle component and name):

RELATIVE VAPOUR DENSITY (air = 1):

EVAPORATION RATE

(n-butyl acetate = 1):

pH value: NEUTRAL (100g/ 1H2O)

SECTION 10 STABILITY AND REACTIVITY PROPERTIES

CONDITIONS TO AVOID: OBSERVE USUAL PRECAUTIONS WHEN HANDLING CHEMICALS

MATERIALS TO AVOID: KEEP AWAY FROM SPARKS AND SOURCES OF IGNITION

HAZARDOUS DECOMPOSITION PRODUCTS:

HAZARDOUS POLYMERISATION WILL NOT OCCUR N/A

SECTION 11 TOXICOLOGICAL INFORMATION

EFFECT OF EYE CONTACT: IRRITATING EFFECT – WASH IMMEDIATELY

EFFECT OF SKIN CONTACT: IRRITATING EFFECT – WASH IMMEDIATELY

EFFECT OF INHALATION: N/A

EFFECT OF INGESTION:
LD50 (ORAL RAT): 6.6g / kg
LD50 (RABBIT) 13-14 G/KG
LC50 (FISH) >20.8g/l (96 hours)
Pimephales promelas Rafinesque

Any known data on sensitisation carcinogenicity, mutagenicity, teratogenicity, or narcosis
NO EVIDENCE

SECTION 12 ECOLOGICAL INFORMATION

AVOID ENTRY INTO DRAINAGE SYSTEM. INORGANIC PREPARATION.

SECTION 13 DISPOSAL CONSIDERATIONS

ALWAYS DISPOSE OF ACCORDING TO LOCAL GOVERNMENT REGULATIONS.
BY INCINERATION

SECTION 14 TRANSPORT INFORMATION

<u>UN NO:</u> 1993	<u>RID/ADR.NO:</u>	<u>ICAO/IATA-DGR:</u>
<u>GGVE/GGVE:</u> 3.3	<u>AD NR:</u>	<u>GGV-SEE/IMDG CODE:</u>

SECTION 15 REGULATORY INFORMATION

PRODUCT TRADE NAME / DESIGNATION: SN4010 UNIVERSAL SOLVENT

CONTAINS: PROPYLENETHER

HAZARD SYMBOL:

RISK PHRASE Nos. & Words:

R10 FLAMMABLE

SAFETY PHRASE Nos. & Words:

S24 AVOID CONTACT WITH SKIN
S28 AFTER CONTACT WITH SKIN WASH IMMEDIATELY WITH PLENTY OF SOAP AND WATER
S/36/37 WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES

OTHER INFORMATION

RECOMMENDED USES AND RESTRICTIONS: Use only as directed.