

SAFETY DATA SHEET ORMECON CSN 7001 TIN

PART NO: 500-179-2 – 10 LITRES

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

PRODUCT NAME: ORMECON CSN 7001 TIN

PART No.: 500-179-2 (10 LITRES)

SUPPLIER:

Mega Electronics Ltd.,
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MANUFACTURER

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2. COMPOSITION/INFORMATION ON INGREDIENTS:

COMPONENT	%BY WT	CAS & EEC Nos:	HAZARD	R PHRASE Nos.:
TIN(11)	>1 <15 %b.w	53408-94-9	C	22,34,43
<u>METHANESULPHONATE</u>				
METHANESULPHONIC				
ACID	>1 <15% b.w.	75-75-2	C	34
THIOUREA	> 1 <20% b.w.	62-56-6	Xn,N	22,40,51/53,63

3. HAZARDS IDENTIFICATION:

Causes burns. Possible risk of irreversible effects, May cause sensitisation by skin contact. Possible risk of harm to unborn child.

4. FIRST AID MEASURES:

GENERAL: Remove immediately contaminated clothing and shoes and launder thoroughly before re-using. Get medical attention

INHALATION: Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air

INGESTION: DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air

SKIN: Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing

EYES: Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: Use extinguishing powder, water spray jet, Carbon dioxide.

UNUSUAL FIRE & EXPLOSION HAZARDS: May release Carbon Monoxide(CO), Carbon dioxide (CO₂), Sulphur Oxides, Nitrogen oxides (Nox)

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING
Use self-contained breathing apparatus. Wear protective clothing.

6. ACCIDENTAL RELEASE MEASURES:

SPILL CLEANUP METHODS: DO NOT touch spilled material. Wear necessary protective equipment. Provide ventilation and confine spill. Do not allow runoff to sewer. Absorb with inert, damp, non-combustible material, then flush area with water. Inform Authorities if large amounts are involved

7. HANDLING AND STORAGE:

USAGE PRECAUTIONS: Avoid contact with, skin clothing and eyes. Ventilate well, avoid breathing vapours.

Use approved respirator if air contamination is above accepted level
HANDLING: Provide good ventilation of working area (local ventilation if necessary). If limits are exceeded, a respiration protection approved for this job must be work. Keep away from sources of heat and ignition.
CLEANING UP METHODS: Avoid surface spread out (by damming up with sand or soil) Pick up with absorbent material (e.g. sand, acid binder, sawdust). Send in suitable containers for recovery or disposal.
STORAGE CRITERIA: Keep original container tightly closed in a cool well-ventilated place. Protect from heat and direct sunlight. Protect from atmospheric moisture and water. Keep away from Alkalies, Reducing agents, metals. Recommended storage temperature: 10 - 30°C

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENTS:

TIN COMPOUNDS, ORGANIC MAK (TRGS 900) 0.1000E mg / m³

PROTECTIVE EQUIPMENT: Gloves, Spectacles full Face Shield

EYE PROTECTION Wear goggles or face shield

HAND PROTECTION Wear protective gloves

PROCESS CONDITIONS: Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

VENTILATION: Provide adequate general and local exhaust ventilation.

RESPIRATORS: Respiratory protection must be used if air concentration exceeds acceptable level.

OTHER PROTECTION: Wear appropriate clothing to prevent any possibility of skin contact

HYGIENIC WORK PRACTICES: DO NOT SMOKE IN WORK AREA!
Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. No eating or drinking while working with this material

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Liquid. COLOUR: Yellow. ODOUR: Sulphur-like
BOILING POINT: >100 °C FLASH POINT: N/A

SOLUBILITY DESCRIPTION: Partially miscible.

DENSITY/SPECIFIC GRAVITY (g/ml): 1,24 g / cm³ DIN 51757

TEMPERATURE (>C): 20°C

pH-VALUE, CONC. SOLUTION: <1

10. STABILITY AND REACTIVITY:

MATERIALS TO AVOID: Avoid: Alkalies, Reducing agents, Metals..

HAZARDOUS DECOMP. PRODUCTS:

Sulphurous oxides (S_{ox})

THERMAL DECOMPOSITION – no decomposition if used as prescribed.

11. TOXICOLOGICAL INFORMATION:

Experience in practice: Corrosive effect of product in contact with skin, eyes and mucous membranes.

12. ECOLOGICAL INFORMATION: Do not discharge into the drains or waters and do not store on public depositories

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS: Dispose of in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION:

LAND TRANSPORT ADR / RID: Class: 8, 40 b **Hazard Number:** 80
UN NUMBER: 3265,

Proper shipping name: Corrosive liquid, acidic, organic, n.o.s.

Danger releasing substance: Tin (11) Methanesulfonat

MARINE TRANSPORT IMDG/GGVSee Class: 8, 40 b, **Hazard Number:** 80

UN NUMBER: 3265, **PACKING GROUP:** II. **EmS:** 8-15, **MFAG:** 760

Proper shipping name: Corrosive liquid, acidic, organic, n.o.s.

Danger releasing substance: Tin (11) Methanesulfonat

AIR TRANSPORT ICAO/IATA:

Class: 8, **Packing Group:** II, **UN No:** 3265

Proper shipping name: Corrosive liquid, acidic, organic, n.o.s.

Danger releasing substance: Tin (11) Methanesulfonat

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY: CORROSIVE (Tin (11) Methanesulfonat & Thiourea)

RISK PHRASES:

R-34 Causes burns. R-40 Possible risk of irreversible effects.

R-43 May cause sensitisation by skin contact.

R-63 Possible risk of harm to the unborn child.

SAFETY PHRASES:

S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S-28.2 After contact with skin, wash immediately with plenty of water and seek medical advice.

S-36/37/38 Wear suitable protective clothing, gloves and eye/face.

S-45 In case of accident or if you feel unwell, seek medical advise immediately (show the label where possible).

LABELLING IN ACCORDANCE WITH EC DIRECTIVES

Classification according to the 'Listing Principle' of the guide lines for preparation (88/379/EEC)

16. OTHER INFORMATION:

INFORMATION SOURCES:

Dangerous Properties of Industrial Chemicals, N.Sax, Croner's:
Dangerous Substances. Croner's: Emergency Spillage Guide.
Croner's: Substances Hazardous to Health. Material Safety Data Sheet, Misc. manufacturers

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