

**SECTION1. Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product code : Metalstrip Cover Layer 5100  
(Old name: Metalstrip Cover Layer)  
Trades code : ALT-5100  
Product line:

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

additive for paint stripper  
Sectors of use:  
Industrial Manufacturing, Paint stripping

Uses advised against  
Do not use for purposes other than those listed

**1.3. Details of the supplier of the safety data sheet**

ALIT TECHNOLOGIES S.R.L - Via F. Perlini, Sn - San Bonifacio (VR), Italy  
Tel. +39 045 981 9789 Fax +39 045 981 9780 Email: info@alit-tech.com

**1.4. Emergency telephone number**

PER EMERGENZE CHIAMARE (+39) 02 6610 1029 (24/7) Centro Antiveneni Ospedale Niguarda (MI)  
FOR EMERGENCY CALL (+39) 02 6610 1029 (24/7) Anti-poison Center Niguarda Hospital (MI)

**SECTION2. Hazards identification****2.1. Classification of the substance or mixture**

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:  
GHS08

Hazard Class and Category Code(s):  
Asp. Tox. 1

Hazard statement Code(s):  
H304 - May be fatal if swallowed and enters airways.

The product can be fatal if swallowed and enters airways

**2.2. Label elements**

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):  
GHS08 - Danger

Hazard statement Code(s):  
H304 - May be fatal if swallowed and enters airways.





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### Supplemental Hazard statement Code(s):

EUH066 - Repeated exposure may cause skin dryness or cracking.

### Precautionary statements:

#### Response

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or a doctor.

P331 - Do NOT induce vomiting.

#### Storage

P405 - Store locked up.

#### Disposal

P501 - Dispose of contents/container in accordance with local regulation.

### Contains:

Benzene, mono-C10-13-alkyl derivs. distn.residues

### 2.3. Other hazards

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

No information on other hazards

## SECTION3. Composition/information on ingredients

### 3.1 Substances

Irrilevant

### 3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
Benzene, mono-C10-13-alkyl derivs. distn.residues	> 50 <= 100%	Asp. Tox. 1, H304		84961-70-6	284-660-7	

## SECTION4. First aid measures

### 4.1. Description of first aid measures

#### Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated room. CALL A PHYSICIAN.

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

#### Direct contact with skin (of the pure product):

Wash thoroughly with soap and running water.

#### Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water for at least 10 minutes.

#### Ingestion:

The product is harmful and can cause irreversible damages even following a single exposure if swallowed. Absolutely do not induce vomiting or emesis. Seek medical advice immediately.

**4.2. Most important symptoms and effects, both acute and delayed**

No data available.

**4.3. Indication of any immediate medical attention and special treatment needed**

IF SWALLOWED: Immediately call a POISON CENTER or a doctor.

**SECTION 5. Firefighting measures****5.1. Extinguishing media**

Advised extinguishing agents:

Water spray, CO<sub>2</sub>, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

**5.2. Special hazards arising from the substance or mixture**

No data available.

**5.3. Advice for firefighters**

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use self-respirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

**SECTION 6. Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or release. Do not smoke

Wear gloves and protective clothing

6.1.2 For emergency responders:

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

**6.2. Environmental precautions**

Contain spill with earth or sand.

If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the authorities.

Discharge the remains in compliance with the regulations

**6.3. Methods and material for containment and cleaning up**

6.3.1 For containment:

Rapidly recover the product, wear a mask and protective clothing

Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.



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Prevent it from entering the sewer system.

### 6.3.2 For cleaning up:

After wiping up, wash with water the area and materials involved

### 6.3.3 Other information:

None in particular.

## 6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

## SECTION 7. Handling and storage

### 7.1. Precautions for safe handling

Avoid contact and inhalation of vapors

At work do not eat or drink.

See also paragraph 8 below.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers.

Keep containers upright and safe by avoiding the possibility of falls or collisions.

Store in a cool place, away from sources of heat and direct exposure of sunlight.

### 7.3. Specific end use(s)

Industrial Manufacturing:

Handle with extreme caution.

Store in a well ventilated area and away from heat sources.

Paint stripping:

Handle with care. Store in a ventilated area, far from heat source.

Keep the container close

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

Related to contained substances:

Benzene, mono-C10-13-alkyl derivs. distn.residues:

Derived No Effect Level (DNEL)

Workers, Dermal, Acute Exposure / short-term - systemic effects: Not applicable / not applicable

Workers, Inhalation, Acute exposure / short-term - systemic effects: Not applicable / not applicable

Workers, Dermal, Acute Exposure / short-term - Local effects: Not applicable / not applicable

Workers, Inhalation, Acute exposure / short-term - Local effects: Not applicable / not applicable

Workers, Dermal, long-term exposure - systemic effects: Not applicable / not applicable

Workers, Inhalation, long-term exposure - systemic effects: 96 mg / kg in reference to body weight and day

Workers, Dermal, long-term exposure - local effects: Not applicable / not applicable

Workers, Inhalation, long-term exposure - local effects: Not applicable / not applicable

Consumers, Dermal, Acute Exposure / short-term - systemic effects: Not applicable / not applicable

Consumers, Inhalation, Acute exposure / short-term - systemic effects: Not applicable / not applicable

Consumers, Oral, Acute Exposure / short-term - systemic effects: Not applicable / not applicable

Consumers, Dermal, Acute Exposure / short-term - Local effects: Not applicable / not applicable

Consumers, Inhalation, Acute exposure / short-term - Local effects: Not applicable / not applicable

Consumers, Dermal, long-term exposure - systemic effects: Not applicable / not applicable

Consumers, Inhalation, long-term exposure - systemic effects: Not applicable / not applicable

Consumers, Oral, Long term exposure - systemic effects: Not applicable / not applicable  
 Consumers, Dermal, long-term exposure - local effects: Not applicable / not applicable  
 Consumers, Inhalation, long-term exposure - local effects: Not applicable / not applicable

**CONCENTRATION AND PROSPECTS WITHOUT EFFECT (PNEC)**

Freshwater: 0.000075 mg / l  
 sea water: 0.0075 mg / l  
 temporary spill: 0.001 mg / l  
 treatment plant: 2 mg / l  
 Sediment of fresh water: 1761 mg / kg in reference to the dry mass  
 marine sediment: 1,761 mg / kg in relation to the dry mass  
 Soil: Not applicable / not applicable  
 Food: Not applicable / not applicable

**8.2. Exposure controls**



Appropriate engineering controls:  
 Industrial Manufacturing:  
 No specific checks planned.

Paint stripping:  
 No specific control

Individual protection measures:

- (a) Eye / face protection  
 When handling the pure product use safety glasses (spectacles cage) (EN 166).
- (b) Skin protection
  - (i) Hand protection  
 When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3)
  - (ii) Other  
 Wear normal work clothing.
- (c) Respiratory protection  
 Not needed for normal use.
- (d) Thermal hazards  
 No hazard to report

Environmental exposure controls:  
 Use according to good working practices to avoid pollution into the environment.

**SECTION 9. Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

Physical and chemical properties	Value	Determination method
Appearance	pale yellow liquid	
Odour	characteristic	

Physical and chemical properties	Value	Determination method
Odour threshold	not determined	
pH	not determined	
Melting point/freezing point	about -48°C; 1.013 hPa	
Initial boiling point and boiling range	315-442°C	
Flash point	160-180°C	ASTM D92
Evaporation rate	not determined	
Flammability (solid, gas)	not determined	
Upper/lower flammability or explosive limits	0.2-5.0 %	
Vapour pressure	< 0,01 hPa (20 °C)	
Vapour density	9-12	
Relative density	0.885	
Solubility	< 0,001 g/l (water)	
Water solubility	< 0,001 g/l	
Partition coefficient: n-octanol/water	log Pow: > 3	
Auto-ignition temperature	> 400°C	
Decomposition temperature	the product decomposes by cracking or for combustion	
Viscosity	11±24 cSt (50°C)	
Explosive properties	not explosive	
Oxidising properties	not determined	

### 9.2. Other information

No data available.

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

No reactivity hazards

### 10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

### 10.3. Possibility of hazardous reactions

There are no hazardous reactions

### 10.4. Conditions to avoid

Heat, flames and sparks.

Do not heat the product at temperatures above 200 ° C; You may generate hydrochloric acid vapors.

**10.5. Incompatible materials**

None in particular.

**10.6. Hazardous decomposition products**

Does not decompose when used for intended uses.

**SECTION 11. Toxicological information****11.1. Information on toxicological effects**

ATE(mix) oral = ∞

ATE(mix) dermal = ∞

ATE(mix) inhal = ∞

(a) acute toxicity: based on available data, the classification criteria are not met.

(b) skin corrosion/irritation Benzene, mono-C10-13-alkyl derivs. distn.residues: su coniglio: non irritante; OECD TG 404  
In base ai dati disponibili i criteri di classificazione non sono soddisfatti.

(c) serious eye damage/irritation: Benzene, mono-C10-13-alkyl derivs. distn.residues: su coniglio: non irritante; OECD TG 405

In base ai dati disponibili i criteri di classificazione non sono soddisfatti.

(d) respiratory or skin sensitization: Benzene, mono-C10-13-alkyl derivs. distn.residues: guinea pig: not sensitizing; OECD Test Guideline 406

Based on available data the classification criteria are not met.

(e) germ cell mutagenicity: Benzene, mono-C10-13-alkyl derivs. distn.residues: Genotoxicity in vitro In vitro tests did not show mutagenic effects

Genotoxicity in vivo examination is not necessary

In vitro tests did not show mutagenic effects

Observations Based on available data the classification criteria are not met.

carcinogenicity

Carcinogenicity The substance proved to be non-genotoxic, therefore we should not expect a potential carcinogen.

(f) carcinogenicity: based on available data, the classification criteria are not met.

(g) reproductive toxicity: Benzene, mono-C10-13-alkyl derivs. distn.residues: toxicity to reproduction toxicity study for the two-generation reproductive: rat; Oral; 245 days

NOAEL ((parents)): 50 mg / kg (referring to body weight and day)

NOAEL (F1): 50mg / kg (in reference to body weight)

NOAEL (F2): 50 mg / kg (in reference to body weight and day); OECD Test Guideline 416

Group observation

(Literature value)

Based on available data the classification criteria are not met.

(h) specific target organ toxicity (STOT) single exposure: Benzene, mono-C10-13-alkyl derivs. distn.residues: The substance or mixture is not classified as specific target organ toxicant, for single exposure.

(i) specific target organ toxicity (STOT) repeated exposure Benzene, mono-C10-13-alkyl derivs. distn.residues: The substance or mixture is not classified as specific target organ toxicant, for repeated exposure.

rat; Oral; sub-chronic toxicity

NOAEL: 500 mg / kg (in reference to body weight and day)

LOAEL: 1.000 mg / kg (referring to losing body and day); OECD Test Guideline 422

(Literature value)

The data are derived from the evaluations or test results obtained with similar products

(Conclusion by analogy)

Substance to be tested: Benzene, mono-C12-14-alkyl derivs., Fractionation bottoms

(j) aspiration hazard: The product can be fatal if swallowed and enters airways

Benzene, mono-C10-13-alkyl derivs. distn.residues: the substance is metabolized and eliminated by secretion.

It is assumed that the substance is eliminated rapidly.

Bioaccumulation is unlikely.

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(Literature value)

## SECTION 12. Ecological information

### 12.1. Toxicity

Related to contained substances:

Benzene, mono-C10-13-alkyl derivs. distn.residues:

Toxicity to fish:

LC50 (14 d) Fish; OECD Test Guideline 204

In the range of solubility in non-toxic water under the test conditions (literature value)

The data are derived from the evaluations or test results achieved with similar products (conclusion by analogy)

Substance to be tested: Benzene, mono-C12-14-alkyl derivs., Fractionation bottoms

aquatic toxicity

EC 10 / 0.5 h:> 10,000 mg / l (activated sludge)

LC50 / 96h:> 10,000 mg / l (Goldorfe (Leuciscus idus))

Chronic toxicity to fish-

the examination is not necessary

The information available are sufficient to prevent the toxicity to the solubility limits

Toxicity to daphnia and other aquatic invertebrates

EC50 (48 h) Daphnia magna (Water flea); static test; OECD Test Guideline 202

In the range of solubility in water non-toxic in the test conditions.

Toxicity to aquatic plants EC50 (72 h) Scenedesmus subspicatus:> 1.10 mg / l; Growth inhibitor; OECD Test Guideline 201

(Literature value)

Toxicity to bacteria EC10 Pseudomonas putida:> 20 mg / l; rate of oxygen consumption

The substance is not considered to be inhibitory to bacteria

Toxicity to soil dwelling organisms examination is not necessary

Justification: The substance is a UVCB. Standard tests for this endpoint are intended for single substances and are not suitable for this complex substance.

Toxicity in terrestrial plants the examination is not necessary

Justification: The substance is a UVCB. Standard tests for this endpoint are intended for single substances and are not suitable for this complex substance.

Toxicity in other terrestrial mammals not the examination is not necessary

Justification: exposure considerations

Use according to good working practices to avoid pollution into the environment.

### 12.2. Persistence and degradability

Related to contained substances:

Benzene, mono-C10-13-alkyl derivs. distn.residues:

Not readily biodegradable; <60%; 28d; essay BODIS

### 12.3. Bioaccumulative potential

Related to contained substances:

Benzene, mono-C10-13-alkyl derivs. distn.residues:

Bioaccumulation is unlikely.

### 12.4. Mobility in soil

Related to contained substances:

Benzene, mono-C10-13-alkyl derivs. distn.residues:

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Adsorption / Soil; Medium: Soil; log Koc: 6.3 to 7.7; (calculated)  
motionless

The data are derived from the evaluations or test results obtained with similar products  
(Conclusion by analogy)

#### 12.5. Results of PBT and vPvB assessment

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

#### 12.6. Other adverse effects

No adverse effects

### SECTION 13. Disposal considerations

#### 13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.

Recover if possible. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

### SECTION 14. Transport information

#### 14.1. UN number

Not included in the scope of application regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

#### 14.2. UN proper shipping name

None

#### 14.3. Transport hazard class(es)

None

#### 14.4. Packing group

None

#### 14.5. Environmental hazards

None

#### 14.6. Special precautions for user

No data available.



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#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

It is not intended to carry bulk

### SECTION 15. Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available.

#### 15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

### SECTION 16. Other information

#### 16.1. Other information

Description of the hazard statements exposed to point 3  
H304 = May be fatal if swallowed and enters airways.

Classification based on data of all mixture components

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