



Section 1. Identification of substance/mixture and of the company/undertaking.

1.1 Product identifier:

Product name: Eni metalStanz ST 130 CL

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

Identified uses: Metal working

Uses advised against: No uses advised against identified.

1.3 Details of the supplier of the Safety Data Sheet:

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Paradiesstr. 14, 97080 Würzburg
Tel. (+ 49) 931 - 900 98-0 Fax (+ 49) 931-98442

Advising/Support:

Technical Department, Tel. (+49) 931 900 98-142
technik.wuerzburg@agip.de
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Section 2. Hazards identification.

2.1 Classification of the substance or mixture: The product has been classified and labelled as hazardous according to the legislation in force.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended:

R64: May cause harm to breastfed babies.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification according to Regulation (EC) No. 1272/2008 as amended:

Health Hazards:

Toxic to reproduction:

Effects on or via lactation
H362: May cause harm to breast-fed children

Environmental hazards:

Acute hazards to the aquatic environment:

Category 1 – H400: Very toxic to aquatic life.

Chronic hazards to the aquatic environment:

Category 1 – H410: Very toxic to aquatic life with long lasting effects

Hazard summary:

Physical hazards:

No data available

2.2 Label elements:

Contains:

Chlorinated Paraffins, C14-17



Signal word:

Warning

Hazard statement(s):

H362: May cause harm to breast-fed children
H410: Very toxic to aquatic life with long lasting effects

Precautionary statement:

Prevention:

P201: Obtain special instructions before use
P260: Do not breathe dust/fume/gas/mist/vapours/spray
P263: Avoid contact during pregnancy/while nursing
P273: Avoid release to the environment

2.3 Other hazards:

By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept. The product may not be released into the environment without control.



Section 3. Composition/information on ingredients.

3.2 Mixtures:

General information: Mixture of the substances listed below with harmless additions.

Chemical name	Concentration*	Identifier	REACH Registration number	Notes
Chlorinated Paraffins C14-17	50,00 – < 100,00%	EINECS: 287-477-0	01-2119519269-33	
Phenolic antioxidant	0,10 - < 0,25%	EINECS: 204-881-04	01-2119565113-46	

*All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

PBT: Persistent, bioaccumulative and toxic substance

vPvB: Very persistent and very bioaccumulative substance

Classification:

Chemical name	Classification	
Chlorinated Paraffins, C14-17	DSD:	N; R50/53 R64 R66
	CLP:	Aquatic Chronic 1; H410, Lact.; H362
Phenolic antioxidant	DSD:	N; R50/53
	CLP:	Aquatic Acute 1; H400, Aquatic Chronic 1; H410

DSD: Directive 67/548/EEC

CLP: Regulation No. 1272/2008

The full text for all R- and H-phrases is displayed in section 16.

Section 4. First aid measures.

General: Chose clothes and shoes contaminated or soaked by the product. Never put rags contaminated by the product into cloth-pockets.

4.1 Description of first aid measures:

Inhalation: Supply fresh air; consult doctor in case of symptoms.

Eye contact: Promptly wash eyes with plenty of water while lifting the eye lid.

Skin contact: Wash with water and soap. The product is not skin irritating.

Ingestion: Rinse mouth thoroughly.

4.2 Most important symptoms and effects, both acute and delayed: May cause skin and eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed: Get medical attention if symptoms occur.

Section 5. Fire fighting measures.

5.1 Extinguishing media:

Suitable extinguishing media: CO₂, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable tensides added.

Unsuitable extinguishing media: Water with full water jet.

5.2 Special hazards arising from the substance or mixture: During fire, gases hazardous to health may be formed.

5.3 Advice for fire-fighters:

Special firefighting procedures: No data available.

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Section 6. Accidental release measures.

6.1 Personal precautions, protective equipment and emergency procedures: In case of spills, beware of slippery floors and surfaces.

6.2 Environmental precautions: Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent from spreading (e.g. by binding or oil barriers).



- 6.3 Methods and material for containment and cleaning up: Absorb with liquid binding material (sand, diatomite, acid binders, universal binders or sawdust).
- 6.4 Reference to other sections: See section 8 of the MSDS for personal protective equipment. See section 7 for information on safe handling. See section 13 for information on disposal.

Section 7. Handling and Storage.

- 7.1 Precautions for safe handling: Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact during pregnancy/while nursing. Obtain special instructions before use. Wash hands thoroughly after handling.
- 7.2 Conditions for safe storage, including any incompatibilities: Local regulations concerning handling and storage of water polluting products have to be followed. Prevent formation of aerosols. Do not heat up to temperatures close to the Flashpoint.
- 7.3 Specific end use(s): Not applicable
- Storage class: 10, combustible liquids

Section 8. Exposure controls/personal protection.

- 8.1 Control parameters:
Occupational exposure limits:

Chemical name	Type	Exposure limit values	Source
Chlorinated Paraffins, C14-17, - inhalable fraction	AGW	0,3 ppm, 6 mg/m ³	Germany. TRGS 900, Limit values in the ambient air at the workplace (01 2012)

- 8.2 Exposure controls:

- Appropriate engineering controls: No data available.
- Individual protection measures, such as personal protective equipment:
- General information: Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. The usual precautionary measures should be adhered to in handling the chemicals or the mineral oil products.
- Eye/face protection: Safety glasses (EN 166) recommended during refilling.
- Skin protection:
- Hand protection: Material: Nitrile butyl rubber (NBR). Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier. Use skin protection cream for preventive skin protection. Protective gloves, where permitted in acc. to safety directions. The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Other: Do not carry cleaning cloths impregnated with the product in trouser pockets. Wear suitable protective clothing.
- Respiratory protection: In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor. Avoid breathing vapour/ aerosol.
- Thermal hazards: No data available.
- Hygiene measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.
- Environmental controls: No data available.

Section 9. Physical and chemical properties.

- 9.1 Information on basic physical and chemical properties:
- Appearance:
- Physical state: Liquid
- Form: Liquid
- Colour: Dark yellow
- Odour: Characteristic
- Odour threshold: No data available.



pH:	Not applicable
Freezing point:	No data available.
Boiling point:	No data available.
Flashpoint:	> 200°C
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability limit (upper, lower):	No data available.
Vapour pressure:	No data available.
Vapour density (air=1):	No data available.
Density at 15°C:	1,17 g/ml (15,00°C)
Solubility(ies):	
Solubility in water:	Insoluble in water
Solubility (other):	No data available
Partition coefficient (n-octanol/water):	No data available.
Auto ignition temperature:	No data available.
Decomposition temperature:	No data available.
Kin. Viscosity at 40°C:	99 mm ² /s (40°C)
Explosive properties:	No data available.
Oxidizing properties:	No data available.
9.2 Other information.	No data available

Section 10. Stability and reactivity.

10.1 Reactivity:	Stable under normal conditions and recommended use.
10.2 Chemical stability:	No data available.
10.3 Possibility of hazardous reactions:	None under normal conditions.
10.4 Conditions to avoid:	Avoid heat or contamination.
10.5 Incompatible materials:	Strong oxidizing substances, strong acids, strong bases.
10.6 Hazardous decomposition products:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

Section 11. Toxicological information.

11.1 Information on toxicological effects:	
Acute toxicity:	
Oral:	
Product:	Not classified for acute toxicity based on available data
Specific substance(s):	Chlorinated Paraffins C14-17: LD 50 (Rat): >2.001 mg/kg Phenolic antioxidant: LD 50 (Rat): 2.930 mg/kg (OECD 401)
Dermal:	
Product:	No data available.
Specific substance(s):	Chlorinated Paraffins, C14-17: No data available Phenolic antioxidant: LD 50 (Rat): > 5.000 mg/kg
Inhalation:	
Product:	Not classified for acute toxicity based on available data
Specific substance(s):	Chlorinated Paraffins, C14-17: No data available Phenolic antioxidant: No data available
Repeated dose toxicity:	
Product:	No data available
Specific substance(s):	Chlorinated Paraffins, C14-17: No data available Phenolic antioxidant: (Rat, Oral, 28 d): 25 mg/kg
Skin corrosion/irritation:	
Product:	No data available
Specific substance(s):	Chlorinated Paraffins, C14-17: No data available Phenolic antioxidant: (Rabbit) Slightly irritating



Serious eye damage/eye irritation:

Product: No data available
 Specific substance(s): Chlorinated Paraffins, C14-17: No data available
 Phenolic antioxidant: (Rabbit) Slightly irritating.

Respiratory or skin sensitization:

Product: No data available
 Specific substance(s): Chlorinated Paraffins, C14-17: No data available
 Phenolic antioxidant: No sensitizing effect (guinea pig); OECD 406

Germ cell mutagenicity:

In vitro:
 Product: No data available
 Specific substance(s): Chlorinated Paraffins, C14-17: No data available
 Phenolic antioxidant: No data available

In vivo:

Product: No data available
 Specific substance(s): Chlorinated Paraffins, C14-17: No data available
 Phenolic antioxidant: No data available

Carcinogenicity:

Product: No data available
 Specific substance(s): Chlorinated Paraffins, C14-17: No data available
 Phenolic antioxidant: No data available

Reproductive toxicity:

Product: No data available
 Specific substance(s): Chlorinated Paraffins, C14-17: No data available
 Phenolic antioxidant: No data available

Specific target organ toxicity – single exposure:

Product: No data available
 Specific substance(s): Chlorinated Paraffins, C14-17: No data available
 Phenolic antioxidant: No data available

Specific target organ toxicity – repeated exposure:

Product: No data available
 Specific substance(s): Chlorinated Paraffins, C14-17: No data available
 Phenolic antioxidant: No data available

Aspiration hazard:

Product: No data available
 Specific substance(s): Chlorinated Paraffins, C14-17: No data available
 Phenolic antioxidant: No data available

Other adverse effects:

No data available

Section 12. Ecological information.

12.1 Toxicity

Acute toxicity:

Fish:

Product: No data available
 Specific substance(s): Chlorinated Paraffins, C14-17: LC 50 (Fish, 96 h): > 3,2 mg/l
 Phenolic antioxidant: LC 50 (Fish, 96 h): > 0,57 mg/l (OECD 203)

Aquatic invertebrates:

Product: No data available
 Specific substance(s): Chlorinated Paraffins, C14-17: EC 50 (Water flea, 48 h): 0,006 mg/l
 Phenolic antioxidant: EC 50 (Water flea, 48 h): > 0,17 mg/l

Chronic toxicity:

Fish:

Product: No data available
 Specific substance(s): Chlorinated Paraffins, C14-17: No data available
 Phenolic antioxidant: No data available

Aquatic invertebrates

Product: No data available
 Specific substance(s): Chlorinated Paraffins, C14-17: No data available
 Phenolic antioxidant: NOEC (Water flea, 21 d): > 0,39 mg/l



Toxicity to aquatic plants:	
Product:	No data available
Specific substance(s):	Chlorinated Paraffins, C14-17: EC 50 (Alga, 96 h): > 3,2 mg/l Phenolic antioxidant: EC 50 (Algae, 72 h): > 0,42 mg/l
12.2 Persistence and degradability:	
Biodegradation:	
Product:	No data available
Specific substance(s):	Chlorinated Paraffins, C14-17: No data available Phenolic antioxidant: 30%
12.3 Bioaccumulative potential:	
Product:	No data available
Specific substance(s):	Chlorinated Paraffins, C14-17: No data available Phenolic antioxidant: May be accumulated in organisms
12.4 Mobility in soil:	No data available
Known or predicted distribution to environmental compartments:	
Chlorinated Paraffins, C14-17:	No data available
Phenolic antioxidant:	No data available
12.5 Results of PBT and vPvB assessment:	No data available.
12.6 Other adverse effects:	Very toxic to aquatic life with long lasting effects
Water hazard class:	WGK 2, water-endangering

Section 13. Disposal considerations.

13.1 Waste treatment methods:	
General information:	Dispose in accordance with all applicable regulations.
Disposal methods:	Discharge, treatment or disposal may be subject to national, state or local laws. Do not allow to enter drains, sewers or watercourses.
European waste codes:	12 01 99 – wastes not otherwise specified

Section 14. Transport information.

ADR/RID:	
14.1 UN number:	UN 3082
14.2 UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE , LIQUID, N.O.S. (Chlorinated Paraffins, C14-17)
14.3 Transport hazard class(es):	
Class:	9
Label(s):	9
Hazard no. (ADR):	90
14.4 Packing group:	III
14.5 Environmental hazards:	Dangerous for the environment
14.6 Special precautions for user:	---
ADR/RID:	
14.1 UN number:	UN 3082
14.2 UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE , LIQUID, N.O.S. (Chlorinated Paraffins, C14-17)
14.3 Transport hazard class(es):	
Class:	9
Label(s):	9
14.4 Packing group:	III
14.5 Environmental hazards:	Dangerous for the environment
14.6 Special precautions for user:	---

**IMDG:**

14.1 UN number: UN 3082
14.2 UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE , LIQUID, N.O.S. (Chlorinated Paraffins C14-17)
14.3 Transport hazard class(es):
Class: 9
Label(s): 9
EmS no.: F-A, S-F
14.4 Packing group: III
14.5 Environmental hazards: Marine pollutant
14.6 Special precautions for user: ---

IATA:

14.1 UN number: UN 3082
14.2 Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE , LIQUID, N.O.S. (chlorinated paraffins)
14.3 Transport hazard class(es):
Class: 9
Label(s): 9MI
14.4 Packing group: III
14.5 environmental hazards: Dangerous for the environment
14.6 Special precautions for user: ---
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

Section 15. Regulatory information.

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

EU Regulations:

Regulation (EC) No. 2037/2000
substances that deplete the
ozone layer: None

Regulation (EC) No. 850/2004 on
persistent organic pollutants: None

National Regulations

Water Hazard Class (WGK): WGK 2: water-endangering.

15.2 Chemical safety assessment: No chemical safety assessment has been carried out.

Section 16. Other information.

This information relates only to the specific product and may not be valid if the product is used in combination with any other material or in any process.

The information's in this sheet are according to our best knowledge at the date of printing.

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies. The classification results from the Conventional Method mentioned in Regulation EU 1272/2008 (CLP).

Changes: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16

Wording of the R-phrases and H-statements in section 2 and 3:

H362 May cause harm to breastfed children
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R64 May cause harm to breastfed babies.
R66 Repeated exposure may cause skin dryness or cracking.