SECTION 1. IDENTIFICATION

Product name: METALSTAR P875 SUPER GLOSS 07-4875 GOLD US
Product code: 045601MK0

Manufacturer or supplier's details
Company name of supplier: ECKART GmbH
Address: Guentersthal 4
Hartenstein 91235
Telephone: +499152770
Telefax: +499152777008
Emergency telephone: CHEMTREC: 800-424-9300
CHEMTREC: 1-703-527-3387 (International)
GBK Gefahrgut Buero GmbH, Ingelheim, Germany:
From outside US: (001) 352-323-3500
(First call in English, response in your language is possible)
US & Canada (toll free): 1-800-5355-053

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the Hazardous Products Regulations
Acute toxicity (Oral): Category 4
Eye irritation: Category 2A
Skin sensitization: Category 1
Reproductive toxicity: Category 2

GHS label elements
Hazard pictograms: 

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Signal Word : Danger

Hazard Statements : H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H361 Suspected of damaging fertility or the unborn child.

Precautionary Statements : Prevention:
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302 + P352 IF ON SKIN: Wash with plenty of water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P331 Do NOT induce vomiting.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Storage: P405 Store locked up.

Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.
Hazardous ingredients which must be listed on the label:
Copper
Distillates (petroleum), straight-run middle
Distillates (petroleum), hydrotreated middle
Fatty acids, tall-oil, cobalt salts
Bis-Alkoxylated Aluminum

Other hazards
None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration (% w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper</td>
<td>7440-50-8</td>
<td>&gt;= 30 - &lt; 50</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated middle</td>
<td>64742-46-7</td>
<td>&gt;= 5 - &lt; 10</td>
</tr>
<tr>
<td>Fatty acids, tall-oil, cobalt salts</td>
<td>61789-52-4</td>
<td>&gt;= 0.1 - &lt; 1</td>
</tr>
<tr>
<td>Bis-Alkoxylated Aluminum</td>
<td>Not Assigned</td>
<td>&gt;= 0.1 - &lt; 1</td>
</tr>
</tbody>
</table>

SECTION 4. FIRST AID MEASURES

Most important symptoms and effects, both acute and delayed: Harmful if swallowed. May be fatal if swallowed and enters airways. May cause an allergic skin reaction. Causes serious eye irritation. Suspected of damaging fertility or the unborn child.

SECTION 5. FIRE-FIGHTING MEASURES

SECTION 6. ACCIDENTAL RELEASE MEASURES

SECTION 7. HANDLING AND STORAGE

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
</table>

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<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS Number</th>
<th>TWA</th>
<th>TWAEV</th>
<th>STEL</th>
<th>STEV</th>
<th>TWA (Mist)</th>
<th>STEL (Mist)</th>
<th>TWAEV (Mist)</th>
<th>STEV (Mist)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper</td>
<td>7440-50-8</td>
<td>TWA</td>
<td>1 mg/m³ (Copper)</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td>TWA (Dust and mist)</td>
<td>1 mg/m³ (Copper)</td>
<td>TWAEV (Dusts and mists)</td>
<td>0.2 mg/m³ (Copper)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWAEV</td>
<td>0.2 mg/m³ (Copper)</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td>TWA (Fumes)</td>
<td>0.2 mg/m³ (Copper)</td>
<td>TWAEV (Fumes)</td>
<td>0.2 mg/m³ (Copper)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>1 mg/m³ (Copper)</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td>TWA (Dust and mist)</td>
<td>1 mg/m³ (Copper)</td>
<td>TWAEV (Dusts and mists)</td>
<td>1 mg/m³ (Copper)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>0.2 mg/m³ (Copper)</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td>TWA (Fumes)</td>
<td>0.2 mg/m³ (Copper)</td>
<td>TWAEV (Fumes)</td>
<td>0.2 mg/m³ (Copper)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>1 mg/m³ (Copper)</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td>TWA (Dust and mist)</td>
<td>1 mg/m³ (Copper)</td>
<td>TWAEV (Dusts and mists)</td>
<td>1 mg/m³ (Copper)</td>
</tr>
<tr>
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<td></td>
<td>TWA</td>
<td>0.2 mg/m³ (Copper)</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td>TWA (Fumes)</td>
<td>0.2 mg/m³ (Copper)</td>
<td>TWAEV (Fumes)</td>
<td>0.2 mg/m³ (Copper)</td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated middle</td>
<td>64742-46-7</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>TWAEV</td>
<td>10 mg/m³</td>
<td>TWA (Mist)</td>
<td>1 mg/m³</td>
<td>STEV (Mist)</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>STEV</td>
<td>10 mg/m³</td>
<td>TWA (Mist)</td>
<td>5 mg/m³</td>
<td>STEL (Mist)</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>0.02 mg/m³ (Cobalt)</td>
<td>TWA</td>
<td>0.02 mg/m³ (Cobalt)</td>
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</tr>
</tbody>
</table>

CA AB OEL: California, AB
CA BC OEL: California, BC
CA QC OEL: California, QC
ACGIH: American Conference of Governmental Industrial Hygienists
SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: liquid
Color: gold
Odor: characteristic
Odor Threshold: No data available
pH: No data available
Melting point/freezing point: No data available
Initial boiling point and boiling range: No data available
Flash point: > 100 °C
Evaporation rate: No data available
Flammability (solid, gas): No data available
Upper explosion limit / Upper flammability limit: No data available
Lower explosion limit / Lower flammability limit: No data available
Vapor pressure: No data available
Relative density: No data available
Density: 1.5 - 1.6 g/cm³
Solubility(ies)
   Water solubility: insoluble
Partition coefficient: n-octanol/water: No data available
Autoignition temperature: No data available
Decomposition temperature: No data available
Viscosity: No data available

SECTION 10. STABILITY AND REACTIVITY

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity
Harmful if swallowed.
Ingredients:
Copper:
Acute oral toxicity: Assessment: The component/mixture is moderately toxic after single ingestion.

Skin corrosion/irritation
Not classified based on available information.

Ingredients:
Copper:
Remarks: May cause skin irritation in susceptible persons.

Serious eye damage/eye irritation
Causes serious eye irritation.

Ingredients:
Copper:
Result: Eye irritation

Respiratory or skin sensitization
Skin sensitization
May cause an allergic skin reaction.
Respiratory sensitization
Not classified based on available information.

Germ cell mutagenicity
Not classified based on available information.
Carcinogenicity
Not classified based on available information.

Reproductive toxicity
Suspected of damaging fertility or the unborn child.

STOT-single exposure
Not classified based on available information.

STOT-repeated exposure
Not classified based on available information.
Aspiration toxicity
May be fatal if swallowed and enters airways.

Further information
Ingredients:
Copper:
Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity
Ingredients:
Copper:
M-Factor (Acute aquatic toxicity) : 10

Ecotoxicology Assessment
Acute aquatic toxicity : Very toxic to aquatic life.
Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

Persistence and degradability
No data available

Bioaccumulative potential
No data available

Other adverse effects
No data available

Ingredients:
Copper:
Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.
SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR
UN/ID No.: UN 3082
Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.
(Copper metal powder)
Class: 9
Packing group: III
Labels: Miscellaneous Dangerous Goods
Packing instruction (cargo aircraft): 964
Packing instruction (passenger aircraft): 964

IMDG-Code
UN number: UN 3082
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Copper metal powder)
Class: 9
Packing group: III
Labels: 9
EmS Code: F-A, S-F
Marine pollutant: yes
Remarks: For single packagings <=5L / 5 kg, or combination packagings containing inner packagings <= 5L / 5 kg net per inner packaging, SV375 ADR, 2.10.2.7 IMDG-Code, A197 IATA-DGR may be applied.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

Domestic regulation

TDG
Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

NPRI Ingredients: Copper
The ingredients of this product are reported in the following inventories:

**DSL**: This product contains one or several components listed in the Canadian NDSL.

**TSCA**: On the inventory, or in compliance with the inventory

**NDSL**: This product contains one or several components listed in the Canadian NDSL.

### Canadian lists

No substances are subject to a Significant New Activity Notification.

### SECTION 16. OTHER INFORMATION

Full text of other abbreviations

**ACGIH**: USA. ACGIH Threshold Limit Values (TLV)

**CA AB OEL**: Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)

**CA BC OEL**: Canada. British Columbia OEL

**CA QC OEL**: Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants

**ACGIH / TWA**: 8-hour, time-weighted average

**CA AB OEL / TWA**: 8-hour Occupational exposure limit

**CA AB OEL / STEL**: 15-minute occupational exposure limit

**CA BC OEL / TWA**: 8-hour time weighted average

**CA QC OEL / TWAEV**: Time-weighted average exposure value

**CA QC OEL / STEV**: Short-term exposure value

- **AICS** - Australian Inventory of Chemical Substances
- **ANTT** - National Agency for Transport by Land of Brazil
- **ASTM** - American Society for the Testing of Materials
- **bw** - Body weight
- **CMR** - Carcinogen, Mutagen or Reproductive Toxicant
- **CPR** - Controlled Products Regulations
- **DIN** - Standard of the German Institute for Standardisation
- **DSL** - Domestic Substances List (Canada)
- **ECx** - Concentration associated with x% response
- **ELx** - Loading rate associated with x% response
- **EmS** - Emergency Schedule
- **ENCS** - Existing and New Chemical Substances (Japan)
- **ErCx** - Concentration associated with x% growth rate response
- **ERG** - Emergency Response Guide
- **GHS** - Globally Harmonized System
- **GLP** - Good Laboratory Practice
- **IARC** - International Agency for Research on Cancer
- **IATA** - International Air Transport Association
- **IBC** - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
- **IC50** - Half maximal inhibitory concentration
- **ICAO** - International Civil Aviation Organization
- **IECSC** - Inventory of
Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Revision Date : 03/27/2018

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

CA / Z8