

Version 1.0

Issue date: 07/24/2015

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SDS Record Number: CSSS-TCO-010-117732

Section 1. Identification

Product identifier: TONER SMARK LASER Art.Nr. 1770070000
Identification of the product: See section 3
Recommended use: Toner.
Recommended restrictions: Not available.
Details of the supplier of the safety data sheet:
Supplier(Manufacturer): Weidmüller Interface GmbH & Co. KG
Address: Klingenbergstraße 16, 32758 Detmold, Germany
Contact person(E-mail): info@chemical-check.de, k.schnurbusch@chemical-check.de
Telephone: +49 5231 14-0
Fax: +49 5231 14-292083
Emergency number: +49 (0) 700 / 24 112 112 (WR)

Section 2. Hazards identification

Hazard classification of substance or mixture:

GHS classification: Not classified

Label elements:

GHS labeling: No hazard pictogram is used.
Signal word: No signal word is used.
Hazard statement: Not applicable.
Precautionary statement: Not applicable.
Other hazards Not applicable.

Section 3. Composition/information on ingredients

Substance/Mixture: Mixture

Ingredient(s):

The mixture does not contain hazardous chemicals which are equal to or above cut-off value according to GHS.

Section 4. First aid measures

First-aid measures by route of exposure:

Inhalation: Remove person from danger area. Supply person with fresh air and consult doctor according to symptoms.
Skin contact: Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.
Eye contact: Remove contact lenses. Do not rub. Wash thoroughly for several minutes using copious water. Seek medical help if necessary.
Ingestion: Rinse the mouth thoroughly with water. Give copious water to drink - consult doctor immediately.

Most important symptoms and effects, both acute and delayed:	The product is not classified as harmful to human health effect.
Indication of immediate medical attention and special treatment needed, if necessary:	Treat symptomatically.

Section 5. Fire-fighting measures

Suitable extinguishing media:	Use water jet spray / foam / CO ₂ / dry extinguisher.
Unsuitable extinguishing media:	If printers are on fire, do not use water.
Specific hazards arising from the chemical:	Oxides of carbon, toxic gases, explosive dust/air mixture.
Protective equipment and precautions for firefighters:	In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire, full protection, if necessary. Dispose of contaminated extinction water according to official regulations.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Do not breathe dust. Ensure sufficient supply of air. Avoid contact with eyes or skin.
Environmental precautions:	If leakage occurs, dam up. Resolve leaks if this possible without risk. Prevent surface and ground-water infiltration, as well as ground penetration. Prevent from entering drainage system. If accidental entry into drainage system occurs, inform responsible authorities.
Methods and materials for containment and cleaning up:	Pick up mechanically and dispose of according to Section 13.

Section 7. Handling and storage

Precautions for safe handling:	Ensure good ventilation. Avoid build up of dust. Avoid contact with eyes or skin. Keep away from sources of ignition - Do not smoke. Eating, drinking, smoking, as well as food-storage, is prohibited in work-room. Observe directions on label and instructions for use.
Conditions for safe storage, including any incompatibilities:	Store product closed and only in original packing. Not to be stored in gangways or stair wells. Do not store with oxidizing agents. Store at room temperature. Store in a dry place.

Section 8. Exposure controls/personal protection

Exposure limit(s):	Not available.
Engineering measures:	Ensure good ventilation. This can be achieved by local suction or general air extraction. If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here.
Individual protection measures:	
Eye/face protection:	Normally not necessary.
Skin protection:	Normally not necessary.
Respiratory protection:	Normally not necessary.
Hand protection:	Normally not necessary.

Section 9. Physical and chemical properties

Appearance:

Material name: TONER SMARK LASER Art.Nr. 1770070000
 Version #: 1.0 Revision date: 07-24-2015. Issue date: 07-24-2015.

Physical state:	Solid
Form:	Powder
Color:	Black
Odor:	Characteristic
Odour threshold:	Not available
PH:	Not available
Melting point/Freezing point:	100-150 °C (Softening point)
Initial boiling point and boiling range:	Not available
Flash point:	Not available
Evaporation rate:	Not available
Flammability (solid, gas) :	Not flammable
Upper/lower flammability or explosive limits:	Not available
Vapor pressure:	Not available
Vapor density:	Not available
Density:	Not available
Solubility (H₂O) :	Dispersion
Partition coefficient (n-octanol/water) :	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Molecular weight:	Not available
Molecular formula:	Not available
Viscosity:	Not available
Specific gravity:	Not available
Explosive properties	Product is not explosive. When using: development of explosive vapor/air mixture possible.
Oxidising properties	No
Solvents content:	Not available

Section 10. Stability and reactivity

Reactivity:	Note danger of explosive-dust.
Chemical stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	No dangerous reactions are known.
Conditions to avoid:	Contact with incompatible materials. Avoid light access.
Incompatible materials:	Avoid contact with strong oxidizing agents.
Hazardous decomposition products:	Oxides of carbon, toxic gases, explosive dust/air mixture.

Section 11. Toxicological information

Information on toxicological effects

Likely route of exposure:	Not available
Symptoms related to the physical, chemical and toxicological characteristics –immediate or delayed	The product is not classified as harmful to human health effect.
Acute toxicity:	
LD50(Oral, Rat):	Not available
LD50(Dermal, Rabbit):	Not available
LC50(Inhalation, Rat):	Not available

Skin corrosion/irritation:	Not classified
Serious eye damage/irritation:	Not classified
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT- single exposure:	Not classified
STOT-repeated exposure:	Not classified
Aspiration hazard:	Not classified

Section 12. Ecological information

Toxicity:

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

Persistence and degradability:	Not available.
Bioaccumulative potential:	Not available.
Mobility in soil:	Not available.
Other adverse effects:	No data available.

Section 13. Disposal considerations

Disposal methods:	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
Waste from residues/unused products:	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging:	Pay attention to local and national official regulations. Recommendation: Do not perforate, cut up or weld uncleaned container.

Section 14. Transport information

ADR

UN number	Not regulated
Proper shipping name	Not regulated
Hazard class	Not regulated
Packing group	Not regulated
Special precautions	Read safety instructions, SDS and emergency procedures before handling.

IATA

UN number	UN2807
Proper shipping name	Magnetized material
Hazard class	9
Packing group	Not regulated
Special precautions	Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number	Not regulated
Proper shipping name	Not regulated
Hazard class	Not regulated
Packing group	Not regulated
Environmental hazards	
Marine pollutant	No
EmS	Not regulated
Special precautions	Read safety instructions, SDS and emergency procedures before handling.
RID	
UN number	Not regulated
Proper shipping name	Not regulated
Hazard class	Not regulated
Packing group	Not regulated
Special precautions	Read safety instructions, SDS and emergency procedures before handling.
TDG	
UN number	Not regulated
Proper shipping name	Not regulated
Hazard class	Not regulated
Packing group	Not regulated
Special precautions	Read safety instructions, SDS and emergency procedures before handling.
ADR; IATA; IMDG; RID;TDG	Not regulated
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	No information available

Section 15. Regulatory information

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

United States of America

TSCA list triiron tetraoxide (1317-61-9) is on the TSCA inventory.

Canada

DSL: triiron tetraoxide (1317-61-9) is on the Canadian DSL.

WHMIS: This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulation (CPR) and the Safety Data Sheet (SDS) contains all of the information required by the CPR.

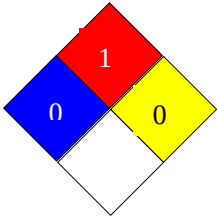
WHMIS classification: Not classified

WHMIS Marks No WHMIS Mark is used.

HMIS: Health – 0, Flammability – 1, Reactivity – 0

Section 16. Other information

National Fire Protection Association (U.S.A)

**Indication of changes:****Training instructions:****Further information:****Notice to reader:**

Version 1.0 Amended by WHMIS.

Not applicable.

This information is based upon the present state of our knowledge. This MSDS has been compiled and is solely intended for this product.

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.