SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Tableau Hot Iron Cleaner — Ref 518/1

Version 2.0 | Revision Date 1/11/16 | Print Date 1/11/16

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

Commercial name :	Hot Iron Cleaner	
Product type :	Cleaning Irons	
Intended / Recommended Use :	Cleaning irons	
Manufacturer Name and address :	RPM Marketing (Sussex)	Tel +44 (0)1424 224620
	PO Box 1	
	BEXHILL ON SEA	email : info@tableauproducts.com
	East Sussex	
	TN39 3ZQ	
	England	
Emergency telephone number :	+44 (0)1424 575131 Ext 4 Office Hours (Mon- Fri 9am-5pm) only.	

2. Hazards identification

· 2.1 Classification of the substance or mixture
· Classification according to Regulation (EC) No 1272/2008
The substance is not classified according to the CLP regulation.

· 2.2 Label elements
· Labelling according to Regulation (EC) No 1272/2008 Void
· Hazard pictograms Void
· Signal word Void
· Hazard statements Void
· 2.3 Other hazards
· Results of PBT and vPvB assessment
· PBT: Not applicable.
· vPvB: Not applicable.

3. Composition/information on ingredients

Name	Range	EINECS	CAS	OEL	Classification
Glycerine	<40%	200-289-5	56-81-5		The substance is not classified according to the CLP regulation.
Paraffin wax	<20%	232-315-6	64742-43-4		. This substance is not classified as dangerous according to Directive 67/548/EEC.
Cryptocrystalline Silica	<20%		7631-86-9		No classification
Amorphous Silica	<20%		7631-86-9		No classification
Kaolinite	<20%		1318-74-7		No classification

4. First aid measures

4.1 Description of first aid measures
· General information: Immediately remove any clothing soiled by the product.
· After inhalation: Supply fresh air; consult doctor in case of complaints.
· After skin contact: Wash with water and acidic soap.
· After eye contact:
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· After swallowing:
Wash mounth with water
Call a doctor immediately.
· 4.2 Most important symptoms and effects, both acute and delayed
Gastric or intestinal disorders
Headache
Dizziness
Nausea

4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.
SECTION

5. Firefighting measures

· 5.1 Extinguishing media
· Suitable extinguishing agents:
Water spray
Foam
Fire-extinguishing powder
Carbon dioxide
· 5.2 Special hazards arising from the substance or mixture
Formation of toxic gases is possible during heating or in case of fire.
In case of fire, the following can be released:
Carbon monoxide (CO)
CO2
· 5.3 Advice for firefighters
· Protective equipment: Wear self-contained respiratory protective device.

6. Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures
Wear protective clothing.
Particular danger of slipping on leaked/spilled product.
· 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
· 6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Send for recovery or disposal in suitable receptacles.
· 6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
SECTION

7. Handling and storage

· 7.1 Precautions for safe handling Keep receptacles tightly sealed.
· Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke.
Protect from heat.
· 7.2 Conditions for safe storage, including any incompatibilities
· Storage:
· Requirements to be met by storerooms and receptacles: No special requirements.
· Information about storage in one common storage facility:
Store away from oxidizing agents.
Do not store together with alkalis (caustic solutions).
Do not store together with acids.
Store away from foodstuffs.
· Further information about storage conditions:
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.
Store receptacle in fume cupboard.
This product is hygroscopic.
· 7.3 Specific end use(s) See §1.2

8. Exposure controls/personal protection

· Additional information about design of technical facilities: No further data; see item 7.
· 8.1 Control parameters
· Ingredients with limit values that require monitoring at the workplace:
56-81-5 glycerol
WEL Long-term value: 10 mg/m³
· Additional information: The lists valid during the making were used as basis.
· 8.2 Exposure controls
· Personal protective equipment:
· General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
Wash hands before breaks and at the end of work.
Immediately remove all soiled and contaminated clothing
· Respiratory protection:
Use suitable respiratory protective device only when aerosol or mist is formed.
Filter P1
Filter A
· Protection of hands:
Protective gloves
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Check protective gloves prior to each use for their proper condition.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
· Material of gloves
EN374
Natural rubber, NR
Fluorocarbon rubber (Viton)
Neoprene gloves
PVC gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
· Penetration time of glove material
For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 374 Part 3: Level 6).
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
· Eye protection:
EN 166
Tightly sealed goggles
· Body protection: Use protective suit.
SECTION

9. Physical and chemical properties

Appearance :	Beige Opaque Paste
Odour :	Odourless
Flash point :	199 °C Abel Closed cup method.
Ignition temperature :	Not Available
Lower explosion limit :	Not Available
Upper explosion limit :	Not Available
Flammability (solid, gas) :	Not Available
Oxidizing properties :	Not Available
Autoignition temperature :	429 °C
pH : value (- g/l) at 20 °C:	7-8.5
Melting point :	18 °C
Boiling point :	290 °C
Vapour pressure :	Not Available
Density :	Not Available
Water solubility :	Miscible
Partition coefficient: n- octanol/water :	Not Available
Solubility in other solvents :	Not Available
Viscosity, dynamic :	Not Available
Viscosity, kinematic :	Not Available
Relative vapour density :	Not Available
Evaporation rate :	Not Available
Other information Oxidising potential :	Not Available

10. Stability and reactivity Note: no data available

· 10.1 Reactivity Not determined.
· 10.2 Chemical stability
· Thermal decomposition / conditions to be avoided:
Stable at environment temperature.
To avoid thermal decomposition do not overheat.
· 10.3 Possibility of hazardous reactions
Reacts with oxidizing agents.
Reacts with acids.
· 10.4 Conditions to avoid No further relevant information available.
· 10.5 Incompatible materials: No further relevant information available.
· 10.6 Hazardous decomposition products:
Carbon monoxide and carbon dioxide
No dangerous decomposition products known.
SECTION

11. Toxicological information

· 11.1 Information on toxicological effects
· Acute toxicity:
· LD/LC50 values relevant for classification:
Oral LD50 12600 mg/kg (rat)
Dermal LD50 >10000 mg/kg (rabbit)
Inhalative LC50/1 h >0.57 mg/l (rat)
· Primary irritant effect:
· on the skin: No irritant effect.
· on the eye: No irritating effect.
· Sensitization: No sensitizing effects known.
· Additional toxicological information:
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
The substance is not subject to classification according to the latest version of the EU lists.

12. Ecological information

· 12.1 Toxicity
· Aquatic toxicity:
EC 50 >1000 mg/l (Bacteria)
EC 50 (24u) >10000 mg/l (daphnia magna)
LC 50 (96 u) >1000 mg/l (fish)
54000 mg/l (Oncorhynchus mykiss)
>1000 mg/l (/) (other aquatic organisms)
54000 mg/l (Salmo gairdneri)
· 12.2 Persistence and degradability No further relevant information available.
· Degree of elimination:
OECD 301 D 82 % (/) (20 days)
· Other information: The product is easily biodegradable.
· 12.3 Bioaccumulative potential No further relevant information available.
· 12.4 Mobility in soil No further relevant information available.
· Additional ecological information:
· COD-value: 1.16 g O2/g (ISO 15705)
· BOD5-value: 0.87 g O2/g
· General notes:
Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Do not allow product to reach ground water, water course or sewage system.
· 12.5 Results of PBT and vPvB assessment
· PBT: Not applicable.
· vPvB: Not applicable.
· 12.6 Other adverse effects No further relevant information available.

13. Disposal considerations

· 13.1 Waste treatment methods
· Recommendation
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
· Uncleaned packaging:
· Recommendation: Disposal must be made according to official regulations.
· Recommended cleansing agents: Water, if necessary together with cleansing agents.

14. Transport information

· 14.1 UN-Number
· ADR, ADN, IMDG, IATA Void

· 14.2 UN proper shipping name
· ADR, ADN, IMDG, IATA Void
· 14.3 Transport hazard class(es)
· ADR/RID
· Class Void
· Label -
· ADN/R Class: Void
· 14.4 Packing group
· ADR, IMDG, IATA Void
· 14.5 Environmental hazards: Not applicable.
· 14.6 Special precautions for user Not applicable.
· 14.7 Transport in bulk according to Annex II of
MARPOL73/78 and the IBC Code Not applicable.
· UN "Model Regulation": -

15. Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
· Labelling according to Regulation (EC) No 1272/2008 GHS label elements
· National regulations:
· Technical instructions (air):
Class Share in %
NK 100.0
· Waterhazard class: Water hazard class 1 (Assessment by list): slightly hazardous for water.
· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.
SECTION

16. Other information Full text of R-phrases referred to under sections 2 and 3

Disclaimer:

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