Safety Data Sheet according to (EC) No 1907/2006 as amended

BONDERITE M-CR 1132 AERO

SDS No. : 555557
V004.0
Revision: 25.08.2023
printing date: 29.09.2023
Replaces version from: 02.01.2023

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
BONDERITE M-CR 1132 AERO

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use:
Chromating Products for Metals
Formulation of mixtures intended exclusively for uses REACH/20/1/2 and REACH/20/1/3

1.3. Details of the supplier of the safety data sheet
Henkel Ltd
Adhesives
Wood Lane End
HP2 4RQ Hemel Hempstead

Great Britain

Phone: +44 (1442) 278000

SDSinfo.Adhesive@henkel.com
For Safety Data Sheet updates please visit our website https://mysds.henkel.com/index.html#/appSelection or www.henkel-adhesives.com.

1.4. Emergency telephone number
24 Hours Emergency Tel: +44 0 8701 906777 - For further general health & safety, technical and practical advice on this product, please call +44 (0) 1606 593933 or write to: Technical Services; Henkel Limited; Road 5; Winsford Industrial Estate; Winsford; Cheshire; CW7 3QY- Email: technical.services@henkel.co.uk

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (CLP):

Carcinogenicity	Category 1B
H350 May cause cancer.	
Chronic hazards to the aquatic environment	Category 2
H411 Toxic to aquatic life with long lasting effects.	

2.2. Label elements

Label elements (CLP):

Hazard pictogram:

Contains dichromium tris(chromate)

Signal word:	Danger
Hazard statement:	H350 May cause cancer. H411 Toxic to aquatic life with long lasting effects.
Supplemental information	Contains: dichromium tris(chromate) May produce an allergic reaction. Restricted to professional users.
Precautionary statement: Prevention	P201 Obtain special instructions before use.
Precautionary statement: Response	P308+P313 IF exposed or concerned: Get medical advice/attention.
Authorisation Numbers :	REACH/20/1/1

2.3. Other hazards

None if used properly.

Following substances are present in a concentration ≥ the concentration limit for depiction in Section 3 and fulfill the criteria for PBT/vPvB, or were identified as endocrine disruptor (ED):

This mixture does not contain any substances in a concentration ≥ the concentration limit for depiction in Section 3 that are assessed to be a PBT, vPvB or ED.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Declaration of the ingredients according to CLP (EC) No 1272/2008:

Hazardous components CAS-No. EC Number REACH-Reg No.	Concentration	Classification	Specific Conc. Limits, M-factors and ATEs	Add. Information
dichromium tris(chromate) 24613-89-6 246-356-2 01-2119486467-23	0,1- < 1 %	Acute Tox. 2, Inhalation, H330 Skin Corr. 1A, H314 Skin Sens. 1, H317 Repr. 2, H361 Muta. 2, H341 Carc. 1B, H350 Aquatic Chronic 1, H410 Aquatic Acute 1, H400 Ox. Sol. 1, H271 Acute Tox. 3, Oral, H301	M acute = 10 M chronic = 10 ===== oral:ATE = 100 mg/kg	SVHC

If no ATE values are displayed, please refer to LD/LC50 values in Section 11.
For full text of the H - statements and other abbreviations see section 16 "Other information".

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:
Move to fresh air, consult doctor if complaint persists.

Skin contact:
Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing. If necessary, see a dermatologist.

Eye contact:
Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:
Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

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
See section: Description of first aid measures

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media:
All common extinguishing agents are suitable.

Extinguishing media which must not be used for safety reasons:
None known

5.2. Special hazards arising from the substance or mixture
Formation of toxic gases is possible during heating or in fires.

5.3. Advice for firefighters
Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:
Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Avoid contact with skin and eyes.
Keep unprotected persons away.

6.2. Environmental precautions
Do not empty into drains / surface water / ground water.

6.3. Methods and material for containment and cleaning up
Dispose of contaminated material as waste according to Section 13.
Neutralize with acid-binding material (e.g. powdered limestone).
Take up with liquid-absorbing material (sand).
Do not use any organic materials (e.g. sawmill waste).

6.4. Reference to other sections
See advice in section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Avoid skin and eye contact.
Ensure that workrooms are adequately ventilated.
See advice in section 8
When diluting, always stir slowly the product into standing water.

Hygiene measures:
Wash hands before work breaks and after finishing work.
Do not eat, drink or smoke while working.

7.2. Conditions for safe storage, including any incompatibilities
Store in sealed original container.
Protect from freezing.

7.3. Specific end use(s)
Chromating Products for Metals

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits

Valid for
Great Britain

Ingredient [Regulated substance]	ppm	mg/m^3	Value type	Short term exposure limit category / Remarks	Regulatory list
Dichromium tris(chromate) 24613-89-6 [CHROMIUM (VI) COMPOUNDS, AS CHROMIUM, FUMES]		0,025	Time Weighted Average (TWA):		EU OELIII
Dichromium tris(chromate) 24613-89-6 [CHROMIUM (VI) COMPOUNDS]		0,01	Time Weighted Average (TWA):		EU OELIII
Dichromium tris(chromate) 24613-89-6 [CHROMIUM (VI) COMPOUNDS]		0,025	Time Weighted Average (TWA):		EU OELIII
Dichromium tris(chromate) 24613-89-6 [CHROMIUM (VI) COMPOUNDS]		0,005	Time Weighted Average (TWA):	This limit does not apply until: 17 January 2025	EU OELIII
Dichromium tris(chromate) 24613-89-6 [CHROMIUM (VI) COMPOUNDS (AS CR), PROCESS GENERATED]		0,025	Time Weighted Average (TWA):		EH40 WEL
Dichromium tris(chromate) 24613-89-6 [CHROMIUM (VI) COMPOUNDS (AS CR)]		0,01	Time Weighted Average (TWA):		EH40 WEL
Dichromium tris(chromate) 24613-89-6 [Chromium (III) compounds (as Cr)]		0,5	Time Weighted Average (TWA):		EH40 WEL

Occupational Exposure Limits

Valid for
Ireland

Ingredient [Regulated substance]	ppm	mg/m^3	Value type	Short term exposure limit category / Remarks	Regulatory list
Dichromium tris(chromate) 24613-89-6 [CHROMIUM (VI) COMPOUNDS, AS CHROMIUM, FUMES]		0,025	Time Weighted Average (TWA):		EU OELIII
Dichromium tris(chromate) 24613-89-6 [CHROMIUM (VI) COMPOUNDS]		0,01	Time Weighted Average (TWA):		EU OELIII
Dichromium tris(chromate) 24613-89-6 [CHROMIUM (VI) COMPOUNDS]		0,025	Time Weighted Average (TWA):		EU OELIII
Dichromium tris(chromate) 24613-89-6 [CHROMIUM (VI) COMPOUNDS]		0,005	Time Weighted Average (TWA):	This limit does not apply until: 17 January 2025	EU OELIII
Dichromium tris(chromate) 24613-89-6 [CHROMIUM (VI) COMPOUNDS]		0,025	Time Weighted Average (TWA):	Binding OELV	IR_OEL
Dichromium tris(chromate) 24613-89-6 [CHROMIUM (VI) COMPOUNDS]		0,005	Time Weighted Average (TWA):	Binding OELV	IR_OEL
Dichromium tris(chromate) 24613-89-6 [CHROMIUM (VI) COMPOUNDS]		0,01	Time Weighted Average (TWA):	Binding OELV	IR_OEL
Dichromium tris(chromate) 24613-89-6 [Chromium (III) compounds]		2	Time Weighted Average (TWA):	Indicative OELV	IR_OEL

Predicted No-Effect Concentration (PNEC):

Name on list	Environmental Compartment	Exposure period	Value				Remarks
			mg/l	ppm	mg/kg	others	
dichromium tris(chromate) 24613-89-6	aqua (freshwater)		4,7 µg/l				
dichromium tris(chromate) 24613-89-6	aqua (marine water)		4,7 µg/l				
dichromium tris(chromate) 24613-89-6	sewage treatment plant (STP)		10 mg/l				
dichromium tris(chromate) 24613-89-6	sediment (freshwater)				31 mg/kg		
dichromium tris(chromate) 24613-89-6	sediment (marine water)				31 mg/kg		
dichromium tris(chromate) 24613-89-6	Soil				3,2 mg/kg		

Derived No-Effect Level (DNEL):

Name on list	Application Area	Route of Exposure	Health Effect	Exposure Time	Value	Remarks
dichromium tris(chromate) 24613-89-6	Workers	Inhalation	Acute/short term exposure - local effects		0,03 mg/m3	
dichromium tris(chromate) 24613-89-6	Workers	Inhalation	Long term exposure - local effects		0,03 mg/m3	

Biological Exposure Indices:

Ingredient [Regulated substance]	Parameters	Biological specimen	Sampling time	Conc.	Basis of biol. exposure index	Remark	Additional Information
Dichromium tris(chromate) 24613-89-6 [CHROMIUM VI]	Chromium	Creatinine in urine	Sampling time: End of shift.		UKEH40BMGV		

8.2. Exposure controls:

Engineering controls:
Ensure good ventilation/suction at the workplace.

Respiratory protection:
In case of aerosol formation, we recommend wearing of appropriate respiratory protection equipment with ABEK P2 filter (EN 14387).
This recommendation should be matched to local conditions.

Hand protection:
Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): Polychloroprene (CR; >= 1 mm thickness) or natural rubber (NR; >=1 mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Polychloroprene (CR; >= 1 mm thickness) or natural rubber (NR; >=1 mm thickness) This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:
Protective goggles
Protective eye equipment should conform to EN166.

Skin protection:
Suitable protective clothing
Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Advices to personal protection equipment:

The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions. Personal protective equipment should conform to the relevant EN standard.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Delivery form	liquid
Colour	Yellow green
Odor	mild, acidic
Physical state	liquid
Melting point	Not applicable, Product is a liquid
Solidification temperature	< 0 °C (< 32 °F)
Initial boiling point	> 100 °C (> 212 °F) Aqueous solution
Flammability	Not applicable Aqueous solution
Explosive limits	Not applicable, Aqueous solution
Flash point	Not applicable, No flash point up to 100°C. Aqueous preparation.
Auto-ignition temperature	Not applicable, Aqueous solution
Decomposition temperature	Not applicable, Substance/mixture is not self-reactive, no organic peroxide and does not decompose under foreseen conditions of use
pH (20 °C (68 °F); Conc.: 100 % product)	2,1 - 2,5 PH BY PH METER - QCTM400P
Viscosity (kinematic) (20 °C (68 °F);)	1 - 10 mm2/s
Solubility (qualitative) (Solvent: Water)	Complete
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Miscible
Partition coefficient: n-octanol/water	Not applicable Mixture
Vapour pressure (20 °C (68 °F))	1 - 10 kPa Values referring to water
Vapour pressure (50 °C (122 °F))	10 - 25 kPa Values referring to water
Density (20 °C (68 °F))	1 g/cm3 no method / method unknown
Relative vapour density: (20 °C)	< 1
Particle characteristics	Not applicable Product is a liquid

9.2. Other information

Other information not applicable for this product

SECTION 10: Stability and reactivity

10.1. Reactivity
Reaction with strong bases

10.2. Chemical stability
Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions
See section reactivity

10.4. Conditions to avoid
No decomposition if used according to specifications.

10.5. Incompatible materials
See section reactivity.

10.6. Hazardous decomposition products
None if used for intended purpose.
In case of fire toxic gases can be released.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
dichromium tris(chromate) 24613-89-6	Acute toxicity estimate (ATE)	100 mg/kg		Expert judgement
dichromium tris(chromate) 24613-89-6	LD50	50 - 300 mg/kg	rat	OECD Guideline 423 (Acute Oral toxicity)

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
dichromium tris(chromate) 24613-89-6	LD50	> 2.000 mg/kg	rat	OECD Guideline 402 (Acute Dermal Toxicity)

Acute inhalative toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Test atmosphere	Exposure time	Species	Method
dichromium tris(chromate) 24613-89-6	LC50			4 h	rat	not specified

Skin corrosion/irritation:

No data available.

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
dichromium tris(chromate) 24613-89-6	irritating		rabbit	not specified

Respiratory or skin sensitization:

No substance data available.
No data available.

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
dichromium tris(chromate) 24613-89-6	positive	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Carcinogenicity

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Sex	Method
dichromium tris(chromate) 24613-89-6	carcinogenic	oral: drinking water	105-106 weeks continuous	rat	male/female	OECD Guideline 451 (Carcinogenicity Studies)
dichromium tris(chromate) 24613-89-6	carcinogenic	oral: drinking water	105-106 weeks continuous	mouse	male/female	OECD Guideline 451 (Carcinogenicity Studies)

Reproductive toxicity:

No data available.

STOT-single exposure:

No data available.

STOT-repeated exposure:

No data available.

Aspiration hazard:

No data available.

11.2 Information on other hazards

not applicable

SECTION 12: Ecological information

General ecological information:
Do not empty into drains / surface water / ground water.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
dichromium tris(chromate) 24613-89-6	LC50	> 10.000 mg/l	96 h	Brachydanio rerio (new name: Danio rerio)	ISO 7346-1 (Determination of the Acute Lethal Toxicity of Substances to a Freshwater Fish [Brachydanio rerio Hamilton-Buchanan (Teleostei, Cyprinidae)]

Toxicity (aquatic invertebrates):

No data available.

Chronic toxicity (aquatic invertebrates):

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
dichromium tris(chromate) 24613-89-6	NOEC	0,02 mg/l	21 d	Daphnia magna	not specified

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
dichromium tris(chromate) 24613-89-6	NOEC	0,00401 mg/l	72 h	Desmodesmus subspicatus	EU Method C.3 (Algal Inhibition test)
dichromium tris(chromate) 24613-89-6	EC50	0,07614 mg/l	72 h	Desmodesmus subspicatus	EU Method C.3 (Algal Inhibition test)

Toxicity (microorganisms):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
dichromium tris(chromate) 24613-89-6	EC 50	> 10.000 mg/l	3 h		ISO 8192 (Test for Inhibition of Oxygen Consumption by Activated Sludge)

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The table below presents the data of the classified substances present in the mixture.

Hazardous substances **CAS-No.**	**PBT / vPvB**
dichromium tris(chromate) 24613-89-6	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

12.6. Endocrine disrupting properties

not applicable

12.7. Other adverse effects

If acidic or alkaline products are discharged into wastewater installations care must be taken that the discharged wastewater has a pH in the range pH 6 - 10, as pH variations could cause disorders in wastewater channels and biological sewage treatment plants. The local discharge regulations take precedence.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:
In consultation with the responsible local authority, must be subjected to special treatment.

Waste code

060405

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.

SECTION 14: Transport information

14.1. UN number or ID number

ADR	3082
RID	3082
ADN	3082
IMDG	3082
IATA	3082

14.2. UN proper shipping name

ADR	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Chromium(III)-chromate)
RID	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Chromium(III)-chromate)
ADN	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Chromium(III)-chromate)
IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Chromium(III)-chromate)
IATA	Environmentally hazardous substance, liquid, n.o.s. (Chromium(III)-chromate)

14.3. Transport hazard class(es)

ADR	9
RID	9
ADN	9
IMDG	9
IATA	9

14.4. Packing group

ADR	III
RID	III
ADN	III
IMDG	III
IATA	III

14.5. Environmental hazards

ADR	Environmentally Hazardous
RID	Environmentally Hazardous
ADN	Environmentally Hazardous
IMDG	Marine Pollutant
IATA	Environmentally Hazardous

14.6. Special precautions for user

ADR	not applicable Tunnelcode:
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

The transport classifications in this section apply generally to packed and bulk goods alike. For containers with a net volume of no more than 5 L for liquid substances or a net mass of no more than 5 kg for solid substances per individual or inner package, the exemptions SP 375 (ADR), A197 (IATA), 2.10.2.7 (IMDG) may be applied, which can result in a deviation from the transport classification for packed goods.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

Ozone Depleting Substance (ODS) (Regulation (EC) No 1005/2009):	Not applicable
Prior Informed Consent (PIC) (Regulation (EU) No 649/2012):	Not applicable
Persistent organic pollutants (Regulation (EU) 2019/1021):	Not applicable

Specific Conditions and Monitoring requirements for authorised uses

Authorisation valid for

CAS 24613-89-6 dichromium tris(chromate)

Authorisation Numbers :	REACH/20/1/1
Authorised Use	Formulation of mixtures intended exclusively for uses REACH/20/1/2 and REACH/20/1/3
Monitoring Requirements	The authorisation holders and the downstream users shall implement the following monitoring programmes for chromium (VI): (a) air monitoring programmes on occupational exposure to chromium (VI) in accordance with Article5(5)(e) of Directive 2004/37/EC. The first measurements shall be performed without delay and at the latest on 15 October 2020. Those programmes shall: –take place annually; –be based on relevant standard methodologies or protocols; –be representative of the range of tasks undertaken where exposure to chromium (VI) is possible, including tasks involving process, maintenance and machining operations, the operational conditions and risk management measures typical for each of those tasks, and the number of workers potentially exposed; (b) monitoring programmes for chromium (VI) emissions to wastewater and air from LEV. Those programmes shall be based on relevant standard methodologies or protocols and be representative of the operational conditions and risk management measures (such as waste water treatment systems, gaseous emission abatement techniques) used at the individual sites where measurements are carried out. The downstream users shall make available to the Agency the information collected as described above, including the contextual information related to each set of measurements, in the format of the template available on the ECHA website www.echa.europa.eu/web/guest/support/dossier-submission-tools/reach-it/downstream-user-authorised-use, for the first time by 15 April 2021, for transmission to the authorisation holders for the purpose of validating the exposure scenarios as well as towards the review report referred to in Article61(1) of Regulation (EC) No 1907/2006.
Conditions	The authorisations shall be subject to following specific conditions: 1. The downstream users shall implement best practices to reduce workplace exposure to dichromium tris(chromate) and emissions to the environment to as low a level as technically and practically feasible, including the use of closed systems and automation, whenever possible, and in particular the case for tasks involving decanting and weighing of solids (corresponding to worker contributing scenario 3 in the chemical safety report referred to in Article 1 for the use bearing authorisation numbers REACH/20/1/2 to REACH/20/1/3). Where the use of closed systems is not possible, the authorization holders and the downstream users shall use local exhaust ventilation (LEV) systems that are appropriately designed, dimensioned, located and maintained to capture and remove dichromium tris(chromate). Where closed systems and automation are not used, the authorisation holder and its downstream users shall be permitted not to use LEV only exceptionally, where its use is technically impossible and subject to the provision of appropriate justification. Information on LEV systems put in place in the installations where the authorised uses take place, as well as of their maintenance, shall be made available to the competent authority of the Member State where the authorised uses take place. 2. Where respiratory protective equipment (RPE) is needed to control exposure to dichromium tris(chromate), it shall be used in accordance with standard procedures for use and maintenance, including procedures for fit testing of RPE masks, applied in accordance with relevant standards.

	3. Appropriate standard operating procedures shall be developed and implemented to minimise release of dust into the air during the preparation, transfer and storage of empty bags, filters and other process waste, in accordance with the hierarchy of control provisions set out in Article 5 of Directive 2004/37/EC. 4. Whenever technically and practically possible and taking into account the obligation to provide a justification for non-use of LEV set out in the second subparagraph of paragraph 1, waste management activities (corresponding to worker contributing scenarios 11 and 27 of the chemical safety report referred to in http://ec/europa.eu/DocsRoom/20666) shall be conducted under appropriately designed and installed LEV.
VOC content (2010/75/EU)	0 %

15.2. Chemical safety assessment

A chemical safety assessment has been carried out.

National regulations/information (Great Britain):

Remarks	Control of Substances Hazardous to Health Regulations (COSHH), and related guidance, e.g COSHH Essentials. EH40 Occupational Exposure Limits Chemicals (Hazard Information & Packaging for Supply) Regulations. The Personnel Protective Equipment at Work Regulations. The Carriage of Dangerous Goods by Road Regulations. The Health & Safety at Work Act 1974. (Note: Use latest editions/amendments of above referenced documents.)

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text
of all abbreviations indicated by codes in this safety data sheet are as follows:

H271 May cause fire or explosion; strong oxidizer.
H301 Toxic if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H330 Fatal if inhaled.
H341 Suspected of causing genetic defects.
H350 May cause cancer.
H361 Suspected of damaging fertility or the unborn child.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

ED:	Substance identified as having endocrine disrupting properties
EU OEL:	Substance with a Union workplace exposure limit
EU EXPLD 1:	Substance listed in Annex I, Reg (EC) No. 2019/1148
EU EXPLD 2	Substance listed in Annex II, Reg (EC) No. 2019/1148
SVHC:	Substance of very high concern (REACH Candidate List)
PBT:	Substance fulfilling persistent, bioaccumulative and toxic criteria
PBT/vPvB:	Substance fulfilling persistent, bioaccumulative and toxic plus very persistent and very bioaccumulative criteria
vPvB:	Substance fulfilling very persistent and very bioaccumulative criteria

Further information:

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This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

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Relevant changes in this safety data sheet are indicated by vertical lines at the left margin in the body of this document. Corresponding text is displayed in a different color on shadowed fields.

Annex - Exposure Scenarios:

Exposure Scenarios for dichromium tris(chromate) can be downloaded under the following link:
http://mysds.henkel.com/index.html