

Safety Data Sheet

according to 29 CFR 1910.1200(g)

Creative Color Brush Cleaner

Print date: 26.03.2015

Product code: 1050520USA

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1. Identification

Product identifier

Creative Color Brush Cleaner

Details of the supplier of the safety data sheet

Manufacturer

Company name:	Deltamed GmbH .	
Street:	Raiffeisenstr. 8a	
Place:	D-61169 Friedberg	
Telephone:	+49 6031 7283-0	Telefax: +49 6031 7283-29
e-mail:	info@deltamed.de	
Internet:	www.deltamed.de	
Responsible Department:	F&E	
	Telefax +49 6031 7283-29	

Supplier

Company name:	COSMEDENT, Inc.	
Street:	401 North Michigan Avenue Ste . 2500	
Place:	USA-IL 60611 Chicago	
Telephone:	1-800-621-6729	
Contact person:	Mary O` Malley	Telephone: 312-644-9586
e-mail:	mary@cosmedent.com	
Internet:	cosmedent.com	

Emergency phone number: 312-644-9586

2. Hazard(s) identification

Classification of the chemical

Hazard categories:
 Flammable liquid: Flam. Liq. 2
 Serious eye damage/eye irritation: Eye Irrit. 2A
 Specific target organ toxicity - single exposure: STOT SE 3
 Hazard Statements:
 Highly flammable liquid and vapor
 Causes serious eye irritation
 May cause drowsiness or dizziness

Label elements

Signal word: Danger
 Pictograms: flame; exclamation mark



Hazard statements

Highly flammable liquid and vapor
 Causes serious eye irritation
 May cause drowsiness or dizziness

Precautionary statements

Wear protective gloves/protective clothing/eye protection.

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Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 Keep container tightly closed.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
 Continue rinsing.

Hazards not otherwise classified

No information available.

3. Composition/information on ingredients

Mixtures

Hazardous components

CAS No	Components	Quantity
67-64-1	acetone; propan-2-one; propanone	> 80 %

4. First-aid measures

Description of first aid measures

General information

Medical treatment is necessary if symptoms occur which are obviously caused by skin or eye contact with the product or by inhalation of its vapours. Take off all contaminated clothing immediately.

After inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

After contact with skin

After contact with skin, wash immediately with plenty of water. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. Rinse mouth immediately and drink plenty of water.

Most important symptoms and effects, both acute and delayed

No information available.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2), Foam, Extinguishing powder.

Unsuitable extinguishing media

no restriction

Specific hazards arising from the chemical

Flammable. Vapours can form explosive mixtures with air. In case of fire may be liberated: Hazardous decomposition products

Special protective equipment and precautions for fire-fighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress

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gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

Environmental precautions

Do not allow uncontrolled discharge of product into the environment.

Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

Reference to other sections

Safe handling: see section 7
 Personal protection equipment: see section 8
 Disposal: see section 13

7. Handling and storage

Precautions for safe handling

Advice on safe handling

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray.

Advice on protection against fire and explosion

Keep away from sources of ignition. - No smoking. Take precautionary measures against static discharges. Vapours can form explosive mixtures with air.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Advice on storage compatibility

Do not store together with: Oxidising agent.

Further information on storage conditions

Protect from the action of light. Keep only in the original container at a temperature between 4 -25 °C (40-75°F).

8. Exposure controls/personal protection

Control parameters

Exposure limits

CAS No.	Substance	ppm	mg/m ³	f/cc	Category	Origin
67-64-1	Acetone	1000	2400		TWA (8 h)	PEL
		250	590		TWA (8 h)	REL

Biological Exposure Indices (BEI-ACGIH)

CAS No.	Substance	Determinant	Value	Test material	Sampling time
67-64-1	ACETONE	Acetone	50 mg/L	urine	End of shift

Exposure controls

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Appropriate engineering controls

Do not breathe gas/fumes/vapour/spray.

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary .
When using do not eat or drink.

Eye/face protection

tightly fitting goggles

Hand protection

Gloves should be replaced regularly, especially after extended contact with the product. For each work-place a suitable glove type has to be selected.

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	liquid
Color:	colourless
Odor:	sweet

pH-Value (at 20 °C):	5-6 (10 g/L)	Test method
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Changes in the physical state

Melting point/freezing point:	-94,7 °C
Initial boiling point and boiling range:	56,2 °C
Flash point:	- 18 °C

Flammability

Solid:	not applicable
Gas:	not applicable
Lower explosion limits:	2,1 vol. %
Upper explosion limits:	13,0 vol. %

Auto-ignition temperature

Solid:	not applicable	465 °C
Gas:	not applicable	
Decomposition temperature:	not determined	
Vapor pressure: (at 20 °C)	240 hPa	
Density (at 20 °C):	0,79 g/cm³	
Water solubility:	miscible	

Solubility in other solvents

not determined

Partition coefficient:	not determined
Vapour density:	not determined
Evaporation rate:	not determined

Other information

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Solid content: not determined

Product has not been tested. The statement is derived from the properties of the components.

10. Stability and reactivity

Reactivity

Flammable, Ignition hazard.

Chemical stability

Stability: Stable

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactions

Hazardous reactions: May occur

Ignition hazard

Conditions to avoid

Protect from the action of light. Keep only in the original container at a temperature between 4 -25 °C (40-75°F).

Incompatible materials

Plastic articles

Hazardous decomposition products

No known hazardous decomposition products.

11. Toxicological information

Information on toxicological effects

Route(s) of Entry

Inhalation, Eye contact, Skin contact

Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Components				
	Exposure routes	Method	Dose	Species	Source
67-64-1	acetone; propan-2-one; propanone				
	oral	LD50	5800 mg/kg	Rat	RTECS
	dermal	LD50	20000 mg/kg	Rabbit	IUCLID
	inhalative (4 h) vapour	LC50	76 mg/l	Rat	

Irritation and corrosivity

Causes serious eye irritation

Sensitizing effects

Based on available data, the classification criteria are not met.

Specific target organ toxicity (STOT) - single exposure

May cause drowsiness or dizziness (acetone; propan-2-one; propanone)

Severe effects after repeated or prolonged exposure

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

Carcinogenicity (NTP): None of the ingredients is listed.

Carcinogenicity (IARC): None of the ingredients is listed.

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Carcinogenicity (OSHA): None of the ingredients is listed.

Aspiration hazard

Based on available data, the classification criteria are not met.

Additional information on tests

This mixture is classified as hazardous according to 1999/45/EC.

12. Ecological information

Ecotoxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Persistence and degradability

The product has not been tested.

Bioaccumulative potential

The product has not been tested.

Mobility in soil

The product has not been tested.

Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

13. Disposal considerations

Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

14. Transport information

US DOT 49 CFR 172.101

UN/ID number: UN 1090

Proper shipping name: Acetone

Transport hazard class(es): 3

Packing group: II

Hazard label: 3

Marine transport (IMDG)

UN number: UN 1090

UN proper shipping name: ACETONE

Transport hazard class(es): 3

Packing group: II

Hazard label: 3

Limited quantity: 1 L

EmS: F-E, S-D

Air transport (ICAO)

UN number: UN 1090

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<u>UN proper shipping name:</u>	ACETONE
<u>Transport hazard class(es):</u>	3
<u>Packing group:</u>	II
Hazard label:	3
Limited quantity Passenger:	1 L
IATA-packing instructions - Passenger:	353
IATA-max. quantity - Passenger:	5 L
IATA-packing instructions - Cargo:	364
IATA-max. quantity - Cargo:	60 L
Other applicable information	
: Y341	
E2	

Special precautions for user

No information available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

15. Regulatory information

U.S. Regulations

National Inventory TSCA

All components of this product are included on the TSCA Chemical Inventory ore are not required to be listed on the TSCA Chemical Inventory.

National regulatory information

SARA Section 304 CERCLA:

Acetone (67-64-1): Reportable quantity = 5,000 (2270) lbs. (kg)

SARA Section 311/312 Hazards:

Acetone (67-64-1): Fire hazard, Immediate (acute) health hazard

State Regulations

Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other information

Hazardous Materials Information Label (HMIS)

Health:	2
Flammability:	3
Physical Hazard:	0

NFPA Hazard Ratings

Health:	1
Flammability:	3
Reactivity:	0
Unique Hazard:	

Revision date: 26.03.2015

Revision No: 2,20

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods



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IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Other data

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)