

Article No.: 76059
Print date: 22.01.2016
Version: 1

Waterbased Stain "Conc."
Revision date: 08.09.2015
Issue date: 08.09.2015

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

1.1. Product identifiers

Article No. (manufacturer/supplier) 76059
Identification of the substance or mixture Waterbased Stain "Conc."
Walnut on Bihar-Shesham

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

Stain

1.3. Details of the supplier of the safety data sheet

supplier (manufacturer/importer/downstream user/distributor)

PLANTAG Coatings GmbH
Plantagenweg 34-38 05231/6002-0
32758 Detmold 05231/6002-10
info@plantag.de
www.plantag.de

Dept. responsible for information:

Product Safety Department 7:30 a.m. - 4:45 p.m. Christin Seier
E-mail (competent person) +49 (0) 5231 / 6002673
cs@plantag.de
Ralf Hachmeister
+49 (0) 5231 / 6002671
rh@plantag.de

1.4. Emergency telephone number

Germany 0800-181-7059
USA/Canada 1-800-424-9300
Outside USA/Canada +001 703 527 3887
China 4001 204937 (Mandarin)
Hong Kong 800 968 793 (Cantonese)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP].

Eye Irrit. 2 / H319 Serious eye damage/eye irritation Causes serious eye irritation.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Warning

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

contains:

n.a.

Supplemental Hazard information (EU)

EUH208 Contains C.I. Acid Black 194; 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Product description / chemical characterization

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) No 453/2010



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Description Pigment/dye solution, water based

Hazardous ingredients

Classification according to Regulation (EC) No. 1272/2008 [CLP]

EC No.	REACH No.	Wt %
CAS No.	Chemical name	Remark
INDEX No.	classification	
284-915-2		
84989-26-4	C h r o m a t [3-[(4,5-dihydro-3-methyl-5-oxo-1-phenyl-1H-pyrazol-4-yl)azo]-2-hydroxy-5-nitrobenzenesulfonato(3-)]-[3-hydroxy-4-[(2-hydroxy-1-naphthalenyl)azo]-7-nitro-1-naphthalenesulfonato(3-)]-, sodium Eye Dam. 1 H318 / Aquatic Chronic 3 H412	1 < 2,5
260-906-9		
57693-14-8	C.I. Acid Black 194 Eye Irrit. 2 H319 / Skin Sens. 1 H317 / Aquatic Chronic 2 H411	< 0,5
220-120-9		
2634-33-5	1,2-benzisothiazol-3(2H)-one	< 0,5
613-088-00-6	Acute Tox. 4 H302 / Skin Irrit. 2 H315 / Eye Dam. 1 H318 / Skin Sens. 1 H317 / Aquatic Acute 1 H400 / Aquatic Chronic 2 H411	

Additional information

Full text of classification: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice.
In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.
Remove contaminated, saturated clothing immediately.
Remove affected person from the danger area and lay down.
Show this safety data sheet to the doctor in attendance.
Never give anything by mouth to an unconscious person or a person with cramps.
Do not leave affected person unattended.

After inhalation

Remove casualty to fresh air and keep warm and at rest.
In case of irregular breathing or respiratory arrest provide artificial respiration.
Call a doctor if you feel unwell.
If unconscious place in recovery position and seek medical advice.

Following skin contact

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap.
Do not use solvents or thinners.
In case of skin irritation, consult a physician.

After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Seek medical advice immediately.
Protect uninjured eye.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm.
Do NOT induce vomiting.
Show this safety data sheet to the doctor in attendance.

Self-protection of the first aider

No mouth-to-mouth or mouth-to-nose resuscitation. Use Ambu bag or ventilator.

4.2. Most important symptoms and effects, both acute and delayed

In all cases of doubt, or when symptoms persist, seek medical advice.

4.3. Indication of any immediate medical attention and special treatment needed

Symptoms

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May irritate eyes.
May irritate skin.

Treatment

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

Extinguishing media which must not be used for safety reasons:

strong water jet

5.2. Special hazards arising from the substance or mixture

Dense black smoke occurs during fire.

Inhaling hazardous decomposing products can cause serious health damage.

In case of fire may be liberated: carbon monoxide, carbon dioxide, Gases/vapours, harmful.

5.3. Advice for firefighters

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

Cool closed containers that are near the source of the fire.

Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

Do not inhale explosion and combustion gases.

Dispose of waste according to applicable legislation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition. Ventilate affected area.

Do not breathe vapours.

See protective measures under point 7 and 8.

Wear suitable protective clothing.

Access only for authorised persons.

Special danger of slipping by leaking/spilling product.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Dispose of waste according to applicable legislation.

Clean using cleansing agents. Do not use solvents.

Provide adequate ventilation.

6.4. Reference to other sections

SECTION 7: Handling and storage

SECTION 8: Exposure controls/personal protection

SECTION 13: Disposal considerations

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values.

Only use the material in places where open light, fire and other flammable sources can be kept away. Electrical equipment must be protected meeting the accepted standard.

Keep away from heat sources, sparks and open flames. Use only spark proof tools. Avoid contact with skin, eyes and clothes. Do not inhale dusts, particulates and spray mist when using this preparation. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to chapter 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

Precautions against fire and explosion:

Keep away from sources of ignition. - No smoking.

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7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO).

Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (BGR 132)".

Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

Keep away from: Reducing agents.

Keep away from food, drink and animal feeding stuffs.

Further information on storage conditions

Take care of instructions on label.

Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Protect from heat and direct sunlight.

7.3. Specific end use(s)

Observe technical data sheet.

Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

n.a.

8.2. Exposure controls

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

Occupational exposure controls

Respiratory protection

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used.

Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.
respirator with A/P-filter (EN 14387)

Hand protection

For prolonged or repeated handling the following glove material must be used: Hand protection is not required

Thickness of the glove material > 0,4 mm ; Breakthrough time (maximum wearing time) > 480 min.

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles DIN EN 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye protection

Wear eye glasses with side protection according to EN 166.

Protective clothing

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

When using do not eat, drink or smoke.

Avoid contact with skin and eyes.

Wash hands before breaks and after work.

Remove contaminated clothing and wash it before reuse.

Keep away from food, drink and animal feeding stuffs.

Handle in accordance with good industrial hygiene and safety practice.

Guarantee that the eye flushing systems and safety showers are closely located to the working place.

Environmental exposure controls

Do not allow to enter into surface water or drains.

See section 7. No additional measures necessary.

If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

SECTION 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

Appearance:

Physical state liquid
Colour refer to label
Odour odourless

Safety relevant basis data	Unit	Method	Remark
Flash point (°C):	> 60 °C	DIN 53213	
Ignition temperature in °C:	n.d. °C		
Lower explosion limit:	n.d. Vol-%		
Upper explosion limit:	n.d. Vol-%		
Vapour pressure at 20 °C:	n.d. mbar		
Density at 20 °C:	1,00 g/cm ³		
Water solubility (g/L):	insoluble		
pH at 20 °C:	-		
Viscosity at °C:	nicht bestimmt		
Solvent separation test (%):	< 3 %	ADR/RID	
Solid content (%):	2,95 Wt %		
solvent content:			
Organic solvents:	0 Wt %		
Water:	97 Wt %		

9.2. Other information

Partition coefficient n-octanol /water (log P O/W): not determined
Relative vapour density at 20 °C (air=1): not determined
Speed of vaporization/evaporation rate: not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.
Further remarks: SECTION 7: Handling and storage

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

Hazardous decomposition byproducts may form with exposure to high temperatures.
Protect from frost.

10.5. Incompatible materials

Acids, Alkali (lye), Oxidizing agents, Reducing agents

10.6. Hazardous decomposition products

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, Gases/vapours, harmful.

SECTION 11: Toxicological information

Classification according to Regulation (EC) No. 1272/2008 [CLP]
No data on preparation itself available.

11.1. Information on toxicological effects

Acute toxicity

Toxicological data are not available.

skin corrosion/irritation; Serious eye damage/eye irritation

Toxicological data are not available.

Respiratory or skin sensitisation

Toxicological data are not available.

Specific target organ toxicity

Toxicological data are not available.

Aspiration hazard

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Toxicological data are not available.

Practical experience/human evidence

Other observations:

Splashing may cause eye irritation and reversible damage.

May cause sensitization by skin contact.

Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Remark

There is no information available on the preparation itself .

SECTION 12: Ecological information

overall evaluation

Classification according to Regulation (EC) No. 1272/2008 [CLP]

There is no information available on the preparation itself .

Do not allow to enter into surface water or drains.

12.1. Toxicity

1,2-benzisothiazol-3(2H)-one

Fish toxicity, LC50: 1,6 - 16 mg/L (96 h)

Daphnia toxicity, EC50: 4,4 mg/L (48 h)

Long-term Ecotoxicity

Toxicological data are not available.

12.2. Persistence and degradability

Toxicological data are not available.

12.3. Bioaccumulative potential

Toxicological data are not available.

Bioconcentration factor (BCF)

Toxicological data are not available.

12.4. Mobility in soil

Toxicological data are not available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate disposal / Product Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

List of proposed waste codes/waste designations in accordance with EWC

080112 waste paint and varnish other than those mentioned in 080111

packaging

Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: Transport information

No dangerous good in sense of this transport regulation.

14.1. UN number

n.a.

14.2. UN proper shipping name

14.3. Transport hazard class(es)

n.a.

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14.4. **Packing group**

n.a.

14.5. **Environmental hazards**

Land transport (ADR/RID)

n.a.

Marine pollutant

n.a.

14.6. **Special precautions for user**

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

Additional information

Land transport (ADR/RID)

tunnel restriction code

Sea transport (IMDG)

EmS-No.

n.a.

14.7. **Transport in bulk according to Annex II of MARPOL and the IBC Code**

not applicable

SECTION 15: Regulatory information

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

EU legislation

Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).

VOC-value (in g/L) ISO 11890-2: 0,006

VOC-value (in g/L) ASTM D 2369: 0,254

National regulations

Restrictions of occupation

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Other regulations, restrictions and prohibition regulations

15.2. **Chemical Safety Assessment**

Chemical safety assessments for substances in this preparation were not carried out.

SECTION 16: Other information

Relevant R-and H-phrases (Number and full text):

Eye Dam. 1 / H318	Serious eye damage/eye irritation	Causes serious eye damage.
Aquatic Chronic 3 / H412	Hazardous to the aquatic environment	Harmful to aquatic life with long lasting effects.
Eye Irrit. 2 / H319	Serious eye damage/eye irritation	Causes serious eye irritation.
Skin Sens. 1 / H317	respiratory or skin sensitisation	May cause an allergic skin reaction.
Aquatic Chronic 2 / H411	Hazardous to the aquatic environment	Toxic to aquatic life with long lasting effects.
Acute Tox. 4 / H302	Acute toxicity (oral)	Harmful if swallowed.
Skin Irrit. 2 / H315	skin corrosion/irritation	Causes skin irritation.
Aquatic Acute 1 / H400	Hazardous to the aquatic environment	Very toxic to aquatic life.

Abbreviations and acronyms

n.a.: not applicable

n.d.: not determined

Additional information

Classification according to Regulation (EC) No. 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.