
SAFETY DATA SHEET ACC. TO OSHA HCS

Version: 1.0

Date of print: 10.02.2016

Date of preparation / last revision: 31.07.2014

Trade name: natraDri Compound

1. Identification

Tradename:	<u>natraDri Compound</u>
Application of the substance / the mixture	Carpet cleaning product
Manufacturer /supplier:	Carpet Cleaner America LLC Mailing address- PO Box 5721 Spartanburg, SC 29304 Physical Address- 951 Simuel Rd Spartanburg, SC 29301 Main: 864.576.9887 Fax: 1.888.349.6774
E-mail competent person:	office@carpetcleaner-usa.com
Emergency telephone number:	1.800.535.5053 (INFOTRAC)

2. Hazard(s) identification

Classification of the substance or mixture	The product is not classified according to the Globally Harmonized System (GHS).
Information concerning particular hazards for human and environment:	No hazards to be particularly mentioned. Please note the information of this Material Safety Data Sheet.
Classification system	The classification complies with current legislation, but is supplemented with information from technical literature and company information.

Label elements

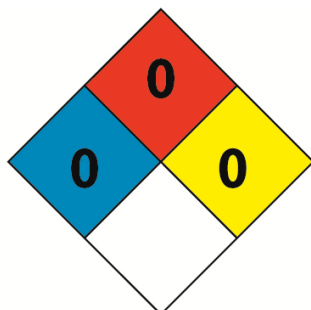
Hazard pictograms	Void
Signal word	Void
Hazard statements	Void
Classification system	The classification was made acc. to the current legislation and expanded using company data and specialized literature.
NFPA ratings (scale 0 – 4)	Health = 0 Fire = 0

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Reactivity = 0

HMIS ratings (scale 0 – 4)

Health Hazard	0
Fire Hazard	0
Reactivity	0

Health = 0
Fire = 0
Reactivity = 0

Other hazards

Results of PBT and vPvB
assessment

PBT: Not applicable
vPvB: Not applicable

3. Composition / information on ingredients

Chemical characterization

Natural wood flour, moistened with water based
cleaning solution

Description

Mixture of the substances listed below with non-
hazardous additions

Dangerous components

9036-19-5 alkylphenol ethoxylate

Acute Tox. 4, H 302; < 1%
Eye Dam. 1, H 318

26530-20-1 2-octyl-2H-isothiazol-3-one

Acute Tox.3, H311; < 1%
Acute Tox.3, H331;
Skin. Corr. 1B, H314; Acute Tox. 4, H302; Skin
Sens. 1, H317

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Additional information

For the wording of the listed risk phrases refer to section 16.

TSCA

All components are listed
7732-18-5 water, distilled, conductivity or of similar purity

4. First-aid measures

Description of first aid measures

General information:

If symptoms persist or in case of doubt seek medical advice.

After inhalation:

Supply fresh air; consult doctor in case of complaints. In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap thoroughly. If symptoms persist, consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Do not induce vomiting. Drink plenty of water, but never give anything to an unconscious person. If symptoms persist consult a doctor. Allergic reactions.

Most important symptoms and effects, both acute and delayed

Indication of any immediate medical attention and special treatment needed

Symptomatic treatment (decontamination, vital functions).

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing agents:

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire fighting measures that suit the environment.

For safety reasons unsuitable extinguishing agents

Water with full jet.

Special hazards arising from the substance or mixture:

In case of fire, the following can be released:

- Carbon monoxide and carbon dioxide
- Nitrogen oxides (NO_x)
- Sulphur oxides (SO_x)
- Hydrogen Chloride (HCl)
- Risk of formation of toxic pyrolyzates
- Fume

Advice for fire fighters

Protective equipment:

Do not inhale explosion gases or combustion gases. Wear self-contained respiratory protective device. Wear fully protective suit.

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Additional information:

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter the sewage system.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear protective clothing.
Avoid contact with eyes and skin.
Do not breathe aerosol or vapors.
Ensure adequate ventilation
Use respiratory protective device against the effects of fumes/dust/aerosol.

Environmental precautions:

Do not allow product to reach sewage system or any water course.

Methods and material for containment and cleaning up:

Do not allow to penetrate the ground/soil.
Sweep or vacuum up and dispose according to regulations.
Send for recovery or disposal in suitable receptacles.

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.

7. Handling and storage

Precautions for safe handling

Ensure good ventilation / exhaustion at the workplace.
Prevent formation of aerosols.
Do not breathe aerosol or vapours.
Avoid contact with eyes and skin.
Keep ignition sources away – Do not smoke.
Observe the general rules of industrial fire protection.

Information about protection against explosions and fires:

Conditions for safe storage, including any incompatibilities
Storage

Requirements to be met by storerooms and receptacles:

Information about storage in one common storage facility:

store receptacles tightly closed at a cool and dry place with sufficient ventilation.
Store away from foodstuffs.
Store away from feed.
Protect from heat and direct sunlight.

Recommended storage temperature:
Storage time:

20°C
Under optimal storage conditions, in original unopened drums/containers. 12 month in closed receptacles.

Storage class:

10-13 other combustible and non-combustible substances

Specific end use(s):

Follow the directions!

SAFETY DATA SHEET ACC. TO OSHA HCS

Version: 1.0

Date of print: 10.02.2016

Date of preparation / last revision: 31.07.2014

Trade name: natraDri Compound

8. Exposure controls/personal protection

Additional information about design of technical systems:

Install appropriate mechanical ventilation/exhaustion.
No further data, see section 7.

Control parameters

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information:

The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.
Do not eat, drink, smoke or sniff while working.
Avoid contact with the eyes and skin.
After skin contact, cleanse skin thoroughly.
Se skin protection cream for skin protection.
Wash hands before breaks and at the end of work.
Immediately remove soiled, soaked clothing and use again only after washing.
In case of unintentional release of substance, exceeding the occupational exposure limit value:
Short term filter device: Filter A/P2
A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.
Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

Breathing equipment:

Protection of hands:

Chemical resistant gloves (EN 374)
The gloves material has to be impermeable and resistant to the product / the substance / the preparation.

Material of gloves

Due to missing tests no recommendation to the glove material can be given for the product / the preparation / the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
After use of gloves apply skin-cleaning agents and skin cosmetics.
Nitrile rubber, NBR
The selection of the suitable gloves does not only depend on the material, but also on further

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	marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
Penetration time of glove material	The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection:	Tightly sealed goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133
Body protection:	Protective work clothing

9. Physical and chemical properties:

Information on basic physical and chemical properties

Form:	Solid, pulpy
Colour:	yellow
pH Value	Approx.. 5 - 6.
Odor:	characteristic
Density:	Not determined
Flash point:	Not applicable..
Flammability	Not applicable
Danger of explosion	Product does not present an explosion hazard.
Solubility in / miscibility with water	Not applicable.
Solvent content	
VOC content	22,7 g/l 0,19 lb/gl

10. Stability and reactivity

Reactivity	No further relevant information available.
Chemical stability	
Thermal decomposition/conditions to be avoided	No decomposition if used and stored according to specifications.
Possibility of hazardous reactions	No dangerous reactions known.
Conditions to avoid	No further relevant information available.
Incompatible materials	Strong oxidants, Reducing agents, Amines, Strong leaches
Hazardous decomposition products	No hazardous decomposition products if instructions for storage and handling are followed.

11. Toxicological information

Information on toxicological effects

Acute toxicity

LD/LC50 values that are relevant for classification

ATE oral: > 5000 m/kg

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26530-20-1 2-octyl-2H-isothiazol-3-one

Oral LD50 550mg/kg (rat)
Dermal LD 50 690 mg/kg (rabbit)
Inhalative LC50/4h 0,27 mg/l (rat)

Primary irritant effect

On the skin

No irritating effect.

On the eye

No irritating effect.

Sensitization

No sensitizing effects known.

Additional toxicological information

Presently no toxicological, chemical and physical data are available on which a more precise evaluation of further dangerous properties could be made. The properties of this substance have not been fully investigated. Further hazardous properties cannot be excluded. When used and handled according to specifications, the product does not have any harmful effects according to experience and the information provided to us.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12. Ecological information

Toxicity

Aquatic toxicity

26530-20-1 2-octyl-2H-isothiazol-3-one

No further relevant information available.

EC50 0,031 mg/l (Algae)

EC50/48 h (static) 0,18 mg/l (Daphnia magna)

LC50/96 h (static) 0,196 mg/l (Lepomis macrochirus)
0,047 mg/l (Oncorhynchus mykiss)

Persistence and degradability

No further information available.

Bioaccumulative potential

No further information available.

Mobility in soil

No further relevant information available.

Additional ecological information

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

General notes

Results of PBT and vPvB assessment

PBT

Not applicable.

vPvB

Not applicable.

Other adverse effects

No further relevant information available.

13. Disposal considerations

Waste treatment methods

Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal according to instructions of local

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authorities.

Uncleaned packagings:

Recommendation:

Disposal must be made according to official regulations.

Recommended cleansing agent

Water, if necessary with cleansing agents.

14. Transport information

UN-Number

Void

DOT, ADR, ADN, IMDG, IATA

UN proper shipping name

Void

DOT, ADR, ADN, IMDG, IATA

Transport hazard class(es)

DOT, ADR, ADN, IMDG, IATA

Class

Void

Packing group

Void

DOT, ADR, ADN, IMDG, IATA

Environmental hazards:

Marine pollutant

No

Special precautions for user

Not applicable

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

Transport/Additional information

Not dangerous according to the above regulations.

UN "Model Regulation"

-

15. Regulatory Information

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

Carcinogenic categories

EPA (Environmental Protection Agency)

Void

TLV (Threshold Limit Value established by ACGIH)

Void

MAK (German maximum workplace

Void

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concentration)

NIOSH-Ca (National Institute for Occupational Safety and Health) Void

OSHA-Ca (Occupational Safety & Health Administration) Void

Regulation or reporting requirements USA
Prop. 65 – Cancer Not listed

16. Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Wording of the listed risk phrases:

H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H331	Toxic if inhaled.

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)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

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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 (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent