SAFETY DATA SHEET ACC. TO OSHA HCS

Version: 1.0

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Trade name: Dry Cleaning Compound

1. Identification

Tradename:	**Dry Cleaning Compound**
Application of the substance / the mixture	Carpet and Hard surface 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

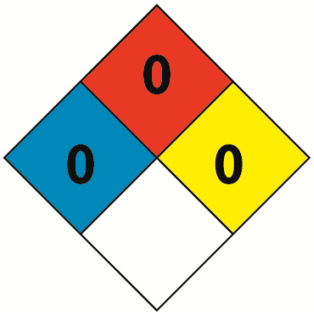
Classification of the substance or mixture	The product is not classified according to the Globally Harmonized System (GHS).
Information concerning particular hazards for human and environment:	No hazards to be particularly mentioned. Please note the information of this Material Safety Data Sheet.
Classification 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



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 alkylpenol ethoxylate	Acute Tox. 4, H 302; Eye Dam. 1, H 318	< 1%
26530-20-1 2-octyl-2H-isothiazol-3-one	Acute Tox.3, H311; Acute Tox.3, H331; Skin. Corr. 1B, H314; Acute Tox. 4, H302; Skin Sens. 1, H317	< 1%

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.
Most important symptoms and effects, both acute and delayed	Allergic reactions.
Indication of any immediate medical attention and special treatment needed	Symptomatic treatment (decontamination, vital functions).

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing agents:	CO_2, 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 (NOx) - Sulphur oxides (SOx) - 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.

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. Do not allow to penetrate the ground/soil.
Methods and material for containment and cleaning up:	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.
Information about protection against explosions and fires:	Keep ignition sources away – Do not smoke. Observe the general rules of industrial fire protection.

Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles:	store receptacles tightly closed at a cool and dry place with sufficient ventilation.
Information about storage in one common storage facility:	Store away from foodstuffs. Store away from feed. Protect from heat and direct sunlight.
Recommended storage temperature:	20°C
Storage time:	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!

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.

Breathing equipment: 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.

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

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.

Material of gloves Nitrile rubber, NBR
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. 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 googles 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

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 or 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	No further relevant information available.
26530-20-1 2-octyl-2H-isothiazol-3-one	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 an 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

	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 **DOT, ADR, ADN, IMDG, IATA**	Void
UN proper shipping name **DOT, ADR, ADN, IMDG, IATA**	Void
Transport hazard class(es) **DOT, ADR, ADN, IMDG, IATA** **Class**	Void
Packing group **DOT, ADR, ADN, IMDG, IATA**	Void
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

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: Réglement 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

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