

SAFETY DATA SHEET

Carpet Additive 1

Version: 01

SDS DATE: 20/09/2011

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Carpet Additive 1
SYNONYMS: None
PRODUCT CODES: Carpet Additive 1

EMERGENCY PHONE: Contact local authorities or via +45 28601446
CHEMICAL NAME: Carpet Additive 1
PRODUCT USE: Additive for racing tires, for increased friction
PREPARED BY: Steffan Christensen, BSc Chemical Engineering

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
Mixture	100	100	Not applicable
	<u>ppm</u>	<u>mg/m3</u>	
OSHA PEL-TWA:	197	1200	

SECTION 2 NOTES:

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

COMPOSITION COMMENTS

Contains <0.1% Benzene

SECTION 3: HAZARDS IDENTIFICATION

CLASSIFICATION (1999/45) Xn;R65. R66.
CLASSIFICATION (EC 1272/2008) Physical and Chemical Hazards
Human health Environment
Flam. Liq. 3 - H226
EUH066; Asp. Tox. 1 - H304
Not classified.
LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008



SIGNAL WORD Danger

HAZARD STATEMENTS

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.

PRECAUTIONARY STATEMENTS

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P331 Do NOT induce vomiting.

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SECTION 3 continued: HAZARDS IDENTIFICATION

SUPPLEMENTARY PRECAUTIONARY STATEMENTS

P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370+378	In case of fire: Use ... for extinction.
P403+235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to ...
Supplemental Label Information (EU)	
EUH066	Repeated exposure may cause skin dryness or cracking.

SECTION 3 Notes: None

SECTION 4: FIRST AID MEASURES

INHALATION	Fresh air and rest. Get medical attention if any discomfort continues.
INGESTION	Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Never give liquid to an unconscious person. Get medical attention.
SKIN CONTACT	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
EYE CONTACT	Rinse the eye with water immediately. To hospital or eye specialist.

SECTION 4 Notes: Contains petroleum

SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA	Extinguish with foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher, as this will spread the fire.
SPECIAL FIRE FIGHTING PROCEDURES	Containers close to fire should be removed or cooled with water.
UNUSUAL FIRE & EXPLOSION HAZARDS	Vapours are heavier than air and may spread near ground to sources of ignition.
SPECIFIC HAZARDS	The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures.
PROTECTIVE MEASURES IN FIRE	Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 5 NOTES: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: PERSONAL PRECAUTIONS	For personal protection, see section 8.
ENVIRONMENTAL PRECAUTIONS	Do not discharge into drains, water courses or onto the ground.
SPILL CLEAN UP METHODS	Stop leak if possible without risk. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Dam and absorb spillages with sand, earth or other non-combustible material. Spillage may be stored as chemical waste in approved area.

SECTION 6 NOTES: None

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SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: USAGE PRECAUTIONS

Provide good ventilation. Mechanical ventilation or local exhaust ventilation may be required. Eliminate all sources of ignition. Static electricity and formation of sparks must be prevented. Risk of vapour concentration on the floor and in low-lying areas. Observe good chemical hygiene practices.

OTHER PRECAUTIONS: STORAGE PRECAUTIONS

Flammable/combustible - Keep away from oxidisers, heat and flames. Keep in original container.

STORAGE CLASS

Flammable liquid storage.

SECTION 7 NOTES: None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



PROCESS CONDITIONS:

Provide eyewash station.

ENGINEERING CONTROLS:

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of vapours.

RESPIRATORY PROTECTION:

If ventilation is insufficient, suitable respiratory protection must be provided.

EYE PROTECTION:

Wear goggles/face shield.

SKIN PROTECTION:

Use protective gloves made of: Nitrile. Polyvinyl chloride (PVC). Neoprene.

WORK HYGIENIC PRACTICES:

Use appropriate skin cream to prevent drying of skin. Isolate contaminated clothing and wash before reuse.

SECTION 8 NOTES: None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Clear liquid (slightly yellow)

ODOR:

Almost odorless (Slightly Hydrocarbon)

PHYSICAL STATE:

Liquid

pH AS SUPPLIED:

Neutral

BOILING POINT (°C):

180-220

RELATIVE DENSITY:

860-880 Kg/m³ @ 20 C

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SECTION 9 continued: PHYSICAL AND CHEMICAL PROPERTIES

FLASH POINT (°C):	139
AUTO IGNITION TEMPERATURE (°C)	> 280
FLAMMABILITY LIMIT - LOWER(%)	0.3
FLAMMABILITY LIMIT - UPPER(%)	2
SOLUBILITY IN WATER:	Insoluble in water
VISCOSITY:	30,62 MPas @ 20 C

SECTION 9 NOTES: None

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable under normal temperature conditions and recommended use.
CONDITIONS TO AVOID (STABILITY):	Avoid heat, flames and other sources of ignition.
INCOMPATIBILITY (MATERIAL TO AVOID):	Strong oxidising substances.
HAZARDOUS DECOMPOSITION PRODUCTS:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 10 NOTES: None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: TOXIC DOSE 1 - LD 50	> 2000 mg/kg (oral rat)
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SECTION 11 NOTES:

INHALATION	In high concentrations, vapours are anaesthetic and may cause headache, fatigue, dizziness and central nervous system effects.
INGESTION	May cause nausea, headache, dizziness and intoxication. Pneumonia may be the result if vomited material containing solvents reaches the lungs.
SKIN CONTACT	Product has a defatting effect on skin. May cause skin irritation/eczema.
EYE CONTACT	Spray and vapour in the eyes may cause irritation and smarting.
HEALTH WARNINGS	Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: LC 50, 96 Hrs, FISH mg/l	> 1000
EC 50, 48 Hrs, DAPHNIA, mg/l	> 1000
IC 50, 72 Hrs, ALGAE, mg/l	> 1000

SECTION 12 NOTES:

MOBILITY	The product is immiscible with water and will spread on the water surface. The product contains substances, which are bound to particulate matter and are withheld in the earth.
BIOACCUMULATION	The product contains potentially bioaccumulating substances.
DEGRADABILITY	The product is easily biodegradable.

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SECTION 13: DISPOSAL CONSIDERATIONS

GENERAL INFORMATION:

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

WASTE DISPOSAL METHOD:

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

PROPER SHIPPING NAME	PETROLEUM DISTILLATES N.O.S (aliphatic hydrocarbons)
UN NO. ROAD	1268
ADR CLASS NO.	3
ADR PACK GROUP	III
TUNNEL RESTRICTION CODE	(D/E)
HAZARD No. (ADR)	30
ADR LABEL NO.	3
IMDG CLASS	3
IMDG PACK GR.	III
EMS	F-E, S-E
AIR CLASS	3
AIR PACK GR.	III

SECTION 15: REGULATORY INFORMATION

EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

SECTION 15 NOTES: None

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

Revision date	2011.09.20
Revision nr	01
SDS nr	1
Signature	SC

RISK PHRASES IN FULL

R10 Flammable.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

HAZARD STATEMENTS IN FULL

H304 Repeated exposure may cause skin dryness or cracking.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.