

SDS SHEET

[In accordance with the regulation no 1907/2006 (Reach) and 453/210]

SECTION 1

Identification

Product identifier Gard-Deck ® Accelerator 101

Other means of identification Not determined

Recommended use: Coating

Manufacturer: Hydro-Gard, LLC

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Incident Spill, Leak, Fire, Exposure, or Accident CHEMTREC Day or Night
1-800-424-9300 / +1 703-527-3887 **CCN 825652**

SECTION 2

Hazard (s) Identification

Classification of substance or mixture Classification according to 1272/2008/EC - Acute Tox 3 H301 Acute Tox 3 H 311, Acute Tox 3 H331 STOT RE 2 H373 Aquatic Chronic 3 H412

Physical Hazards

Health Hazards

Toxic if swallowed. Toxic if contact with skin. Toxic if inhaled. May cause damage to organs through prolonged or repeated exposure.

Environmental hazards

Harmful to aquatic life with long lasting effects.

Label elements



Signal Word

Danger

Product Identifier

N. N-Dimethyl p-toluidine

Hazard Statements:

- H301 Toxic if swallowed
- H311 Toxic in contact with skin
- H331 Toxic if inhaled
- H373 May cause damage to organs through prolonged or repeated exposure
- H412 Harmful to aquatic life with long lasting effects

Precautionary statements

- P261 Avoid breathing dust/fume/gas/mist/vapors/spray
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P310 IF SWALLOWED: Immediately call a poison control center or a doctor/physician

P304 + P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P361 Remove/Take off all contaminated clothing immediately

P405 Store locked up

P501 Dispose of contents container in accordance with local/regional/national/international regulations

Other hazards: The components of this mixture do not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH.

SECTION 3 Composition / Information on Ingredients

Substances Not applicable

Mixtures

Dangerous ingredients:

Chemical name	Classification acc to 1272/2008/	Identifier Codes	%
N. N-Dimethyl p-toluidine	<u>N. N-Dimethyl p-toluidine</u> Classification acc to 1272/2008/WE: Acute Tox 3 H301, Acute Tox 3 H311, Acute Tox 3 H331, STOT RE H373 Aquatic Chronic 3 H412	CAS: 99-97-8 EINECS: 202-805-4 Index Number: 612-056-00-9 Reach number: -	98%

Additional Information: For the wording of the hazard statement refer to section 16

SECTION 4 First - Aid Measures

General Information:	Take off contaminated clothing immediately. Remove breathing equipment only after removing contaminated clothing. If irregular or breathing stops provide artificial respiration. Move the victim to fresh air. Care of personal protection for the first aider.
Inhalation:	Supply fresh air or oxygen and seek medical attention immediately. If unconscious, place patient in a stable side position for transportation.
Skin Contact:	Wash the contaminated skin immediately and thoroughly with plenty of water and soap, rinse thoroughly. Immediately remove any contaminated clothing. Consult a doctor if disturbing symptoms appear.
Eye contact:	Protect the non-irritated eye, remove contact lenses. Wash the contaminated eye with plenty of water for several minutes. Avoid powerful water stream-risk of cornea damage. Consult a doctor if disturbing symptoms appear.
Ingestion:	Do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor immediately, show the container or label.
Most important symptoms and effects, both acute and delayed	The product may trigger sensitization of the skin and respiratory tract. Treatment of acute irritation or bronchial constriction is primarily symptomatic. Extended medical treatment may be required depending on the degree of exposure and the severity of the symptoms.
Indication of any immediate medical attention and special treatment needed:	Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

SECTION 5 Fire - Fighting Measures

Extinguishing media

Suitable extinguishing media:	CO ₂ , extinguishing powder or water spray, sand. Fight larger fires with water spray or with alcohol resistant foam.
Unsuitable extinguishing media:	Special hazards could arise from the substance or mixture. Under certain fire conditions traces of other toxic substances are possible
Special hazards arising from the substance or mixture	During fire, the product may produce toxic fumes. Do not inhale combustion products, they can be dangerous for human health.
Advice for fire fighters	Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. Do not breathe in explosion and fire fumes. Do not allow contaminated extinguishing water to enter the soil, ground-water or surface waters.

SECTION 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Use personal protective measures. Ensure adequate ventilation. Avoid skin and eyes contamination. Do not breathe vapors. Keep unprotected persons away.
Environmental precautions	Do not allow product to reach sewage system, water bodies or ground/soil. In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.
Methods and material for containment and cleaning up	Collect with liquid absorbing materials (e.g. soil, sand, silica, universal binding agent, vermiculite, etc.) and place it in labeled containers. Do not flush with water or aqueous cleaning agents. Collect in a suitable container. Treat the collected material as waste. Clean the contaminated place and ventilate it.
Reference to other sections:	Appropriate conduct with waste product - Section 13. Personal protective equipment - see Section 8.




SECTION 7 Handling and Storage

Precautions for safe handling	Handle in accordance with good occupational hygiene and safety practices. Handle open container with care. Avoid contact with skin and eyes. Do not breathe vapors. Avoid aerosol formation. When decanting larger quantities without extractor use respirator. Use only in well ventilated areas. Before break and after work wash hands. Use only in accordance with the identified purpose. Keep away from ignition sources. Do not eat, drink or smoke when using this product. Protect against electrostatic charges. Use only non-sparking tools. Ensure good interior ventilation, especially at floor level.
Conditions for safe storage, including any incompatibilities	Provide respiratory protective device. Safely prevent any seepage into the ground. Only use containers that are approved specifically for the substance/product. Store away from peroxides. Keep away from food stuffs, beverages, and food. Keep in a tightly sealed container. Storage to be in a collecting chamber. Keep locked up and out of reach of children. Keep in a dry, cool and well-ventilated area. Keep away from high temperatures and direct sunlight. Temperature recommended for storage: 32 °F - 86 °F (0 - 30 °C).
Specific and use (s)	No information about other use than those mentioned in Section 1.2

SECTION 8 Exposure Controls / Personal Protection

Control Parameters	Not applicable
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Exposure Controls	Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when using the product. Before break and after work wash hands carefully. Keep away from foodstuffs, beverages and food. Take off contaminated clothing immediately. Avoid contact with skin and eyes. Protective clothing should be stored separately.
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<p>Hand protection</p> 	<p>Only use chemical-protective gloves with CE-labeling of category III: Nitrile rubber, Butyl rubber. Recommended thickness of material: $\geq 0,5$ mm</p> <p>The section 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.</p> <p>www.gisbau.de/service/epoxi/expotab.html</p>
<p>Eye protection</p> 	<p>Use tightly fitting protective glasses</p>
<p>Respiratory protection</p> 	<p>Recommended filter device for short term use; Combination filter A-P2</p>
<p>Body Protection</p>	<p><u>Protective clothing necessary</u></p> <p>Applied personal protective equipment must comply with requirements of the Directive 89/686/EC. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.</p>
<p>Environmental exposure controls</p>	<p>Do not allow large quantities of the product to contaminate ground water, canalization, sewages or soil.</p>

SECTION 9

Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State:	Liquid
Color:	Yellowish
Odor:	Characteristic
Density:	0.9 g/cm
Bulk Density:	Not determined
Odor threshold:	Not determined
pH:	Not determined
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	212 °F (83°C)
Flash point:	411 °F (211 °C)
Flammability:	Not determined
Explosion dangerousness:	Not explosive
Ignition Temperature:	Not determined

Decomposition temperature	Not determined
Oxidizing potential	Not determined
Vapor pressure	Not determined
Rate of vaporization	Not determined
Water solubility	Not determined
Liposolubility	Not determined
Soluble in	Not determined
Distribution coefficient	Not determined
n-Octanol/Water	Not determined
Viscosity	2 mPas Dynamic 20 °C
Solvent separation test	Not determined
Solvent content	Not determined

Other Information: No further information available

SECTION 10 Stability and Reactivity

Reactivity	No further information available
Chemical stability	No dangerous reactions known
Possibility of hazardous reactions	No further relevant information available
Condition to avoid	No further relevant information available
Incompatible materials	No further relevant information available
Hazardous decomposition products	No dangerous decomposition products known

SECTION 11 Toxicological Information

Information on toxicological effects

Acute toxicity: Toxic if swallowed, in contact with skin, or inhaled

N. N-Dimethyl p-toluidine			
Inhalation	LC ₅₀	1.4 mg/L 4h	(rat)

Toxicity of the product:

Acute Toxicity	Toxic if swallowed, in contact with skin, or inhaled
Skin Corrosion/Irritation	Incentive effect
Serious Eye Damage/Irritation	Incentive effect
Respiratory or skin Sensitization	Based on available data, the classification criteria are not met.
Germ Cell Mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.

Reproductive toxicity	Based on available data, the classification criteria are not met.
STOT-single exposure	May cause respiratory irritation
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration Danger	Based on available data, the classification criteria are not met.

SECTION 12

Ecological Information (non-mandatory)

Toxicity

N. N-Dimethyl p-toluidine

Aquatic toxicity:	LC 50 (piscis): 52 mg/L 96h
Persistence and degradability	No further relevant information available
Bioaccumulative potential	No further relevant information available
Mobility in soil	No further relevant information available
Results of PBT and vPvB assessment	Not applicable
Other adverse effects	
Exotic effects	Harmful to fish
Water hazardous class	3 (Self classification) highly water endangering
General information	Do not allow product to reach ground water, sewers, or into sewage system even in small quantities. Harmful to aquatic organisms.

SECTION 13

Disposal Consideration (non-mandatory)

Waste treatment methods	Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Disposal methods for used packing:	This material and it's container must be disposed of as hazardous waste. Legal basis: Directive 2008/98/EC, 94/92/EC

SECTION 14

Transport Information (non-mandatory)

UN Number	
ADR, IMDG, IATA	UN-2810
UN proper shipping name	
ADR	2810 Toxic Liquid, Organic, NOS (Contains N-N-Dimethyl-p-Toluidine)
IMDG, IATA	Toxic Liquid, Organic, NOS (Contains N-N-Dimethyl-p-Toluidine)
Transport hazard class(es)	

ADR

6.1 Toxic
Danger Chit: 6.1



IMDG, IATA

6.1 Toxic
Danger Chit: 6.1



Packing Group	III
Environmental Hazards	Marine Pollutant: Yes
Special Precautions for User	Warning Toxic Substances Kemier-Number: 60
Transport Bulk	According to Annex II of MARPOL 73/78 and the IBC Code - Not applicable
Transport/Additional information:	ADR
Limited quantities (LQ):	5 L
Transport category:	2
Tunnel restriction code:	E
UN "Model Regulations":	UN 2810
RID/GGVCEB	See ADR

SECTION 15 Regulatory Information (non-mandatory)

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

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 as amended.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 as amended.

Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labeling of dangerous substances.

Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labeling of dangerous preparations.

Commission Regulation (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labeling and packaging of substances and mixtures.

Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste.

Chemical safety assessment

A Chemical Safety Assessment has not been carried out

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

H-phrases:

- H301 Toxic if swallowed
- H311 Toxic in contact with skin
- H331 Toxic if inhaled
- H373 May cause damage to organs through prolonged or repeated exposure
- H412 Harmful to aquatic life with long lasting effects

The information and recommendations provided in this Safety Data Sheet are presented in good faith and believed to be correct as of the date hereof. The manufacturer makes no representations as to the completeness or accuracy thereof. Information supplied upon the condition that the persons receiving said information will make their own determination as to its suitability for their particular purpose prior to use. In no event will the manufacturer be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. No representation or warranties, either expressed or implied. Including the merchantability or fitness for a particular purpose are made herein with information contained herein is deemed to be reliable, conservative and accurate. Hydro-Gard, LLC reserves the right to change the design, specification or any other features at any time, without notice, while otherwise maintaining regulatory compliance.

End of Safety Data Sheet