

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **Accelerator 101**
 Product Use: Additional accelerator for floor coating and road marking
 Restriction of Use in NZ: Refer to Section 15

Company Name: **Degafloor NZ**
 Address: 6 Sheffield Street
 Levin, 5510

Telephone: +64 6 367 9799
 E-mail: orders@degafloor.nz
Emergency No: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 13 November 2020

Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

EPA Approval No: HSR003833

Pictograms



Toxic Chronic

Signal Word: **Warning**

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
6.1D (oral)	H302	Harmful if swallowed.	Acute Tox. 4
6.1D (inh)	H332	Harmful if inhaled.	Acute Tox. 4
6.1E (dermal)	H313	May be harmful in contact with skin.	Acute Tox. 5
6.3B	H316	Causes mild skin irritation.	Skin Irrit. 3
6.9B	H373	May cause damage to organs through prolonged or repeated exposure.	STOT RE 2
9.1C	H412	Harmful to aquatic life with long lasting effects.	Aquatic Chronic 3

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P260	Do not breathe fumes, vapours or spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.

P273	Avoid release to the environment.
------	-----------------------------------

Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P330	Rinse mouth.
P301 + P310	IF SWALLOWED: Call a POISON CENTER or doctor/physician.
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

Storage Code	Storage Statement
None allocated	

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
N,N-dimethyl-p-toluidine	>=90 - <=100%	99-97-8

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. Continue rinsing. If irritation persists: get medical attention.
If on Skin	Wash skin with plenty of soap and water. If skin irritation occurs: get medical advice/attention.
If Swallowed	Rinse mouth. Do not induce vomiting. Wash out mouth thoroughly with water. Never give anything to the mouth of an unconscious person. Call a POISON CENTER or doctor/physician.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Apply artificial respiration if not breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms and effects, both acute and delayed

Symptoms:

Ingestion:	Harmful if swallowed.
Inhalation:	Harmful if inhaled.
Skin:	May be harmful in contact with skin.
Chronic:	May cause damage to organs (oral) through prolonged or repeated exposure.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from products	In fires, hazardous combustion gases are formed: Nitrogen Oxides
Suitable Extinguishing media	Water, foam, dry chemical and carbon dioxide Unsuitable: High volume water jet
Precautions for firefighters and	Wear self-contained breathing apparatus. Keep away from sources of ignition - No smoking. Take action to prevent static discharges. In the

special protective clothing	event of fire, cool the endangered containers with water.
HAZCHEM CODE	None allocated.

Section 6. Accidental Release Measures

Personal precautions:

Use protective clothing as detailed in Section 8. Assure sufficient ventilation. Use breathing apparatus if exposed to vapours/dust/mist/aerosol.

Environmental precautions:

Prevent product from getting into drains/surface water/groundwater.

Spill and Disposal procedures:

Larger quantities: Remove mechanically (by pumping). Use explosion-proof equipment!
 Smaller quantities and/or residues: Contain with absorbent material (e.g. sand, diatomaceous earth, acid absorbent, universal absorbent or sawdust).
 Dispose of in accordance with local regulations detailed in Section 13.

Section 7. Handling and Storage
--

Precautions for Handling:

- Read label before use.
- Do not breathe fumes, vapours or spray.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Use only outdoors or in a well-ventilated area.
- Avoid release to the environment.
- Wear respiratory protection.
- When heated above the flash point and/or during spraying (atomizing), ignitable mixtures may form in air.
- In the event of fire, cool the endangered containers with water.
- Ensure there is good room ventilation.
- Do not leave the vessels/containers open.

Precautions for Storage:

- Keep out of reach of children.
- Store away from incompatible materials listed in Section 10.
- Store in a well-ventilated place and keep cool.

Section 8 Exposure Controls / Personal Protection
--

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA ppm mg/m³	STEL ppm mg/m³
------------------	-------------------------------------	--------------------------------------

No ingredients have exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices NOV 2019 11TH EDITION.

Engineering Controls

Provide sufficient ventilation and exhaust at the workplace.

Personal Protection Equipment



Eyes	Tightly fitting safety goggles
Hands	Material: PVC gloves Break-through time: 120 min Guideline: EN 374 Additional Information: Gloves should be replaced regularly, especially after extended contact with the product. For each work-place a suitable glove type has to be selected.
Skin	For handling larger quantities: Wear chemical-resistant boots and an apron.
Respiratory	Breathing apparatus in case of high concentrations.
General	Take off all contaminated clothing immediately. Store work clothing separately. Follow the usual good standards of occupational hygiene. Clean skin thoroughly after work; apply skin cream.

Section 9 Physical and Chemical Properties

Appearance	Liquid
Colour	Colourless to brown
Odour	Aniline like
Odour Threshold	Not available
pH	Not available
Boiling Point	Approx. 211 °C (1.013 hPa)
Melting Point	Not available
Freezing Point	Approx -25 °C
Flash Point	83 °C
Flammability	Combustible
Upper and Lower Explosive Limits	Not available
Vapour Pressure	approx. 0.1 hPa (20 °C)
Vapour Density (air=1)	Not available
Density	0.94 g/cm ³ (20 °C)
Water Solubility	Practically Insoluble Miscible with esters and ketones
Partition coefficient (n-octanol/water):	2,36 (HPLC) source: literature
Auto-ignition Temperature	Not available
Minimum ignition temperature:	approx. 425 °C (DIN 51794)
Decomposition Temperature	No decomposition if used as directed.
Dynamic Viscosity	<10 mPa.s (23 °C, Brookfield)
Kinematic Viscosity:	Not available
Dust Explosion Limit, Lower:	Not available
Evaporation Rate	0.5

Section 10. Stability and Reactivity

Stability of Substance	Stable if used as directed.
Possibility of hazardous reactions	Incompatible with iron. In direct contact with concentrated peroxides, product may cause explosive dissociation of the peroxides.
Conditions to Avoid	No specific hazards are known.
Incompatible Materials	Do not add peroxides such as Powder Hardener (50 % dibenzoyl peroxide) to this material as vigorous decomposition may result.

	Avoid contact with acids, acid chlorides, acid anhydrides and strong oxidizing agents. Carbon dioxide Iron. First disperse accelerator into DEGADUR® resin and then add and disperse the peroxide or peroxide solution.
Hazardous Decomposition Products	None when used as directed.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Harmful if swallowed.
Dermal	May be harmful if in contact with skin.
Inhalation	Harmful if inhaled.
Eye	Not applicable.
Skin	Causes mild skin irritation.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	May cause damage to organs (oral) through prolonged or repeated exposure.
Other effects	Methaemoglobinaemia possible after skin contact. Liver injury may occur. Carefully avoid contact with skin and eyes as well as inhalation of product vapours.

Individual component information:

Acute Toxicity as per EPA CCID:

Chemical Name	Oral – LD50	Dermal – LD50	Inhalation – LC50
N,N-dimethyl-p-toluidine (99-97-8)	1650 mg/kg (rat)	>2000mg/kg (rat)	1.4 mg/l (rat)

Section 12. Ecotoxicological Information

HSNO Classes: 9.1C = Harmful to aquatic life with long lasting effects.

Persistence and degradability	No data available.
Bioaccumulation	Bioconcentration Factor (BCF): 33 Partition Coefficient n-octanol / water (log Kow): Log Kow: 2,36 (HPLC) source: literature
Mobility in Soil	No data available.
Other adverse effects	Prevent substance from entering soil, natural bodies of water and sewer systems.

Acute hazards to the aquatic environment:

Fish

Product: LC 50 (Pimephales promelas (fathead minnow), 96 h): 46 mg/l

Section 13. Disposal Considerations

Disposal Method:

Triple rinse and dispose according to Local Regulations.

Contaminated Packaging:

Contaminated packaging should ideally be emptied; it can then be recycled after having been decontaminated. Packaging that cannot be cleaned should be disposed of professionally. Uncontaminated packaging may be taken for recycling.

Precautions or methods to avoid: Avoid release to the environment.

Section 14	Transport Information
-------------------	------------------------------

This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

Section 15	Regulatory Information
-------------------	-------------------------------

This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

EPA Approval Code: HSR003833

HSNO Classification: 6.1D(Oral, inh), 6.1E(dermal), 6.3B, 6.9B, 9.1C

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L (9.1C)
Emergency Response Plan	1000L (6.1D, 9.1C)
Secondary Containment	1000L (6.1D, 9.1C)
Restriction of Use	Only use for the intended purpose.

Section 16	Other Information
-------------------	--------------------------

Glossary

EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2017 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time

of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact Degafloor NZ, if further information is required.

Issue Date: 13 November 2020 Review Date: 13 November 2025