

Material Safety Data Sheet

Bondloc BACT - ACTIVATOR

Revised 03.08.10

BONDLOC[™]
FORMULAS THAT WORK

1: IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND COMPANY / UNDERTAKING

PRODUCT NAME: Bondloc BACT
MANUFACTURER: Bondloc UK Limited,
Bewdley,
Worcestershire
DY12 2TZ
Emergency Info: +44 (0)1299 269 269

2: COMPOSITION / INFORMATION ON INGREDIENTS

Substance	Conc	CAS No.	Risks
N,N-Dimethyl-p-toluidine	90-100%	99-97-8	T, R23/24/25 R33 R52/53
Heptane {heptane} (n-Heptane)	0.5 - 1%	142-82-5	F, R11 Xn, R65 Xi, R38 R67 N, R50/53

3: HAZARDS IDENTIFICATION

Main hazards Vapours may cause drowsiness and dizziness. Highly flammable. Harmful by inhalation, in contact with skin and if swallowed. Danger of cumulative effects. Irritating to skin. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.

4: FIRST-AID MEASURES

Inhalation: Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention.

Skin contact: May cause irritation to skin. May cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Eye contact: May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Ingestion: Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. DO NOT INDUCE VOMITING.

If swallowed, seek medical advice immediately and show this container or label.

5: FIRE-FIGHTING MEASURES

Extinguishing media Use as appropriate: carbon dioxide (CO₂), dry chemical, foam.

Fire hazards Highly flammable. Burning produces irritating, toxic and obnoxious fumes.

Protective equipment Self-contained breathing apparatus. Wear protective clothing.

6: ACCIDENTAL RELEASE MEASURES

Personal precautions Ensure adequate ventilation of the working area. Eliminate all sources of ignition. Wear suitable protective equipment.

Environmental precautions Do not allow product to enter drains. Prevent further spillage if safe.

Clean up methods Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7: HANDLING AND STORAGE

Handling: Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking.
Adopt best Manual Handling considerations when handling, carrying and dispensing.

Storage: Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

8. Exposure Controls/Personal Protection**Exposure limits**

Heptane {heptane} (n-Heptane)

WEL 8-hr limit ppm: 500

WEL 15 min limit ppm: -

WEL 8-hr limit mg/m³: -

WEL 15 min limit mg/m³: -

Engineering measures Ensure adequate ventilation of the working area.

Respiratory protection Self-contained breathing apparatus. Wear protective clothing.

Hand protection Chemical resistant gloves (PVC)

Eye protection Approved safety goggles.

Protective equipment Wear chemical protective clothing.

9: PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid
Colour	Colourless
Odour	Slight
Boiling point	98°C
Flash point	-4°C
Melting point	90.5°C

10: STABILITY AND REACTIVITY

Stability Stable under normal conditions.

Conditions to avoid Heat, sparks and open flames.

Materials to avoid Oxidising agents.

11: TOXICOLOGICAL INFORMATION

Acute toxicity No data is available on this product.

12: ECOLOGICAL INFORMATION

No data available for this product.

13: DISPOSAL CONSIDERATIONS

Do not discharge into drains or watercourses. Dispose of product through properly licensed contractors under national and local legislation. Product residues can be cleaned out of containers. Dispose of in accordance with the Special Waste Regulations 1996. Hardened product can be disposed of as chemical waste by incineration or licensed contractors. Clean containers can be disposed of by landfill or incineration or possibly recycled.

14: TRANSPORT INFORMATION**ADR/RID**

UN 1206

Packing group II

Class 3

Hazard ID 33

Proper Shipping Name HEPTANES .

IMDG

UN 1206

Packing group II

Class 3

Marine pollutant NO

EmS Code F-E S-D

IATA

UN 1206

Packing group II

Class 3 Subsidiary risk -

Packing Instruction

(Cargo)

307 Maximum quantity 60 L

Packing Instruction

(Passenger)

305 Maximum quantity 5 L

15: REGULATORY INFORMATION

Labelling The product is classified in accordance with 67/548/EEC.

SYMBOLS - F - Highly flammable, Xn - Harmful, N- Dangerous for the environment

Risk phrases R67 - Vapours may cause drowsiness and dizziness.
R11 - Highly flammable.
R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.
R33 - Danger of cumulative effects.
R38 - Irritating to skin.
R50/53 -Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65-Harmful: may cause lung damage if swallowed.

Safety phrases S16-Keep away from sources of ignition - No smoking.
S29 - Do not empty into drains.
S36/37-Wear suitable protective clothing and gloves.
S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

16: OTHER INFORMATION

Risk phrases referred to in section 2:-

R11 - Highly flammable.
R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed.
R33 - Danger of cumulative effects.
R38 - Irritating to skin.
R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 - Harmful: may cause lung damage if swallowed.
R67 - Vapours may cause drowsiness and dizziness

The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks as required by other health & safety legislation.

The provisions of the Health & Safety at work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product.

Warranty: All products purchased from or supplied by Bondloc are subject to terms and conditions set out in the contract. Bondloc warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Bondloc is considered accurate but is furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Bondloc makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.