DITHIZONE EXTRA PURE MSDS

CAS-No.: 60-10-6 MSDS



MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1: Identification of the sub	stance/mixture and of the company/undertaking
1.1. Product identifier	
Product form	: Substance
	:
CAS-No.	: 60-10-6
Product code	: 03569
Formula	: C13H12N4S
Chemical structure	
Synonyms	: 1,5-Diphenylthiocarbazone
1.2. Relevant identified uses of t	the substance or mixture and uses advised against
1.2.1. Relevant identified uses	
Industrial/Professional use spec	: Industrial For professional use only
Use of the substance/mixture	: Laboratory chemicals
1.2.2. Uses advised against	
No additional information available	

1.3. Details of the supplier of the safety data sheet

SPAN LAB UNIT NO. 14,SKY INDUSTRIAL ESTATE,WALIV, VASAI (E) 401208 Mumbai - INDIA PH: +91 9820509929 info@spanlab.in_www.spanlab.in

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, H315 Category 2 Serious eye damage/eye H319 irritation, Category 2 Specific target organ H335 toxicity — Single exposure, Category 3, Respiratory tract irritation

Full text of H statements : see section 16

Safety Data Sheet

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD] Xi; R36

Xi; R38 Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects No additional information available

2.2. Label elements	
Labelling according to Regulation (EC)	No. 1272/2008 [CLP]
Hazard pictograms (CLP)	GHS07
Signal word (CLP)	: Warning
Hazard statements (CLP)	 H315 - Causes skin irritation. H319 - Causes serious eye irritation. H335 - May cause respiratory irritation.
Precautionary statements (CLP)	 P261 - Avoid breathing vapours, spray, dust, fume, gas. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3.	Other hazards	
No add	ditional information available	

	information on ingredients
3.1. Substances	
Name	: DITHIZONE Extra Pure
CAS-No.	: 60-10-6
Full text of R- and H-statem	ents: see section 16
Full text of R- and H-statem	ents: see section 16
	ents: see section 16
3.2. Mixtures	

First-aid measures after inhalation

: Assure fresh air breathing. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Safety Data Sheet

First-aid measures after eye contact : Rinse caudioxy with water for several minutes. Remove contact lenses, if present an aay to do. Continuer mising. Gert modical advice/attention. First-aid measures after ingestion : Rinse mouth. Do not induce vomiling. 4.2. Most important symptoms and effects, both acute and delayed Symptoms/effects after six ontact : Causes skin intrition. Symptoms/effects after six ontact : Causes skin intrition. Symptoms/effects after ingestion : Swallowing a small quantity of this material will result in serious health hazard. 4.3. Indication of any immediate medical attention and special treatment needed Treats symptomaintally. SECTION 5F Endiphiling media : Do not use a heavy water stream. Sutable exdinguishing media : Do not use a heavy water stream. Sutable exdinguishing media : Do not use a heavy water stream. Sutable exdinguishing media : Do not use a heavy mater stream. Sutable exdinguishing media : Do not use a heavy treater stream. Sutable exdinguishing media : Do not use a heavy treater stream. Sutable exdinguishing media : Do not use a heavy water stream. Sutable exdinguishing media : Do not use a heavy treater stream. Sutable exdinguishing media : Evacuate unnecessary personnel. Sutable for	First-aid measures after skin contact	: Wash with plenty of water/ Wash contaminated clothing before reuse. Get medical advice/attention.
42. Most important symptoms and effects, both acute and delayed Symptoms/effects after skin contact : Causes skin irritation. Symptoms/effects after syee contact : Causes serious eye irritation. Symptoms/effects after syee contact : Swaldowing a small quantity of this material will result in serious health hazard. 4.3. Indication of any immediate medical attention and special treatment needed Treat symptoms/effects after syee. Statuble extinguishing media : Carbon dioxide. Dry powder. Foarn. Water spray. Unsuitable extinguishing media : Do not use a heavy water stream. 5.2. Special hazards arising from the substance or mixture No additional information available 5.3. Advice for fireflighters Protection during fireflighters Protection during fireflighters Protection on-mergeory prosonal Emergency procedures : Evacuate unnecessary personnel. 6.1.1. For on-emergency prosonaler Protective equipment and energency procedures Function quipment : Use personal protective equipment as required. Emergency procedures : Ventilate area. 6.2. Environmental proceations : Ventilate area. 6.3. Methods and material for containment and cleaning up Methods for cleaning up Methods for cleaning up : Soak up splits with inert solids, s	First-aid measures after eye contact	
Symptoms/effects after skin contact : Causes skin irritation. Symptoms/effects after syee contact : Causes serious eye irritation. Symptoms/effects after syee contact : Swallowing a small quantity of this material will result in serious health hazard. 4.3. Indication of any immediate medical attention and special treatment needed Treat symptomatically. SECTION 5: Freffelting measures 51. 5.1. Extinguishing media : Carbon dioxide. Dry powder. Feam. Water spray. Unsuitable extinguishing media : Do not use a heavy water stream. 5.2. Special hazards arising from the substance or mixture No additional information available 5.3. Advice for firefighters Protection during firefighters Protection during firefighters Encodention Protection during firefighters Encodention Freateway procedures : Evacuate unnecessary personnel. 6.1.1. For non-emergency procedures : Use personal protective equipment as required. Emergency procedures : Ventilate area. 6.2. Environmental proceutions : Use personal protective equipment as required. Energency procedures : Ventilate area. 6.2. Environmental proceutions : Soak up splits with inert solds, such as clay or diatomacecous earth as soon as possible. On land, sweep or shove	First-aid measures after ingestion	: Rinse mouth. Do not induce vomiting.
Symptoms/effects after systin contact : Causes skin irritation. Symptoms/effects after iges the irritation : Swallowing a small quantity of this material will result in serious health hazard. 4.3. Indication of any immediate medical attention and special treatment needed Treat symptoms/effects after igesting SILE Stringuishing media : Carbon dioxide. Dry powder. Foam. Water spray. Unsuitable extinguishing media : Carbon dioxide. Dry powder. Foam. Water spray. Unsuitable extinguishing media : Do not use a heavy water stream. 5. Special hazards arising from the substance or mixture No additional information available 5.3. Advice for friefighters Protection during friefighting : Do not after fire area without proper protective equipment, including respiratory protection. 5. Special hazards arising from the substance or mixture No additional information available 5.3. Advice for friefighters Frotection during friefighting : Do not after fire area without proper protective equipment, including respiratory protection. 5. Sterton 6: Accidental release measures 6.1.1. For non-emergency personnel Emergency procedures : Evacuate unnecessary personnel. 6.1.2. For emergency responders Frotective equipment : Use personal protective equipment as required. Emergency procedures : Ventilate area. 6.2. Environmental proceutions Avoid release to the environment. 6.3. Methods and material for containment and cleaning up Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections 7.4. Precautions for safe handling in process tree to prevent from and eyes. Do not breathe vapours. Provide good ventilation riprocess area to prevent from the only any water before eating, drinking or smoking and when leaving wrk. 7.2. Conditions for safe handling : Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation riprocess area to prevent formation o	4.2. Most important symptoms and e	effects, both acute and delayed
Symptoms/effects after ingestion : Swallowing a small quantity of this material will result in serious health hazard. 4.3. Indication of any immediate medical attention and special treatment needed Image: Streatment Results Streatment Results Streat	Symptoms/effects after skin contact	: Causes skin irritation.
4.3. Indication of any immediate medical attention and special treatment needed Treat symptomatically. SECTION 5: Firefighting media 5.1. Extinguishing media Suitable extinguishing media Solutable extinguishing media <t< td=""><td>Symptoms/effects after eye contact</td><td>: Causes serious eye irritation.</td></t<>	Symptoms/effects after eye contact	: Causes serious eye irritation.
Treat symptomatically. SECTION 5: Firefighting media 5.1. Extinguishing media Suitable extinguishing media : Carbon dioxide. Dry powder. Foam. Water spray. Unsuitable extinguishing media : Do not use a heavy water stream. 5.2. Special hazards arising from the substance or mixture No additional information available Do not enter fire area without proper protective equipment, including respiratory protection. SECTION 6: Accidental release measures Encodential release measures 6.1. Personal precautions, protective equipment and emergency procedures 6.1.1. For non-emergency personnel Evacuate unnecessary personnel. 6.1.2. For emergency responders Protection of using information available Protective equipment : Use personal protective equipment as required. Emergency procedures : Ventilate area. 6.2. Environmental precautions You by splits with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shorel into suitable containers. 6.3. Methods and material for containment and cleaning up Methods for cleaning up You by splits with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shorel into suitable containers. 6.4. Reference to other sections Novid contact with skin and eyes.	Symptoms/effects after ingestion	: Swallowing a small quantity of this material will result in serious health hazard.
SECTION 5: Firefighting media 5.1. Extinguishing media Suitable extinguishing media : Carbon dioxide. Dry powder. Foam. Water spray. Unsuitable extinguishing media : Do not use a heavy water stream. 5.2. Special hazards arising from the substance or mixture No additional information available 5.3. Advice for firefighters Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. SECTION 6: Accidental release measures 6.1. Personal procautions, protective equipment and emergency procedures 6.1.1. For non-emergency personnel Emergency procedures Emergency procedures : Ventilate area. 6.2. Environmental precautions I Use personal protective equipment as required. Emergency procedures : Ventilate area. 6.2. Environmental precautions Soak up splits with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections I Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation in process area to prevent formation of vapour. Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation in process area to prevent formation of vapour. Hyeine mea	4.3. Indication of any immediate med	dical attention and special treatment needed
5.1. Extinguishing media : Carbon dioxide. Dry powder. Foam. Water spray. Unsultable extinguishing media : Do not use a heavy water stream. 5.2. Special hazards arising from the substance or mixture No additional information available 5.3. Advice for firefighters Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. SECTION 6: Accidental release measures 6.1. Personal precautions, protective equipment and emergency procedures 6.1.1. For non-emergency personnel Emergency procedures : Evacuate unnecessary personnel. 6.1.2. For emergency responders Protective equipment : Use personal protective equipment as required. Emergency procedures : Ventilate area. 6.2. Environmental precautions Avoid release to the environment. 6.3. Methods and material for containment and cleaning up Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe vapo	Treat symptomatically.	
Suitable extinguishing media : Carbon dioxide. Dry powder. Foam. Water spray. Unsuitable extinguishing media : Do not use a heavy water stream. 5.2. Special hazards arising from the substance or mixture No additional information available 5.3. Advice for finefighters Protection during finefighting : Do not enter fine area without proper protective equipment, including respiratory protection. SECTION 6: Accidental release measures 6.1. Personal precautions, protective equipment and emergency procedures 6.1.1. For non-emergency personnel Emergency procedures : Evacuate unnecessary personnel. 6.1.2. For emergency responders: Protective equipment : Use personal protective equipment as required. Emergency procedures : Ventilate area. 6.2. Environmental precautions : Ventilate area. 6.3. Methods and material for containment and cleaning up Methods for cleaning up Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections . No additional information available : Avoid contact with skin and eyes. Do not breath vapours. Provide good ventilation in process area to preveny coped areas with mild soap and water before eating, d	SECTION 5: Firefighting measures	
Suitable extinguishing media : Carbon dioxide. Dry powder. Foam. Water spray. Unsuitable extinguishing media : Do not use a heavy water stream. 5.2. Special hazards arising from the substance or mixture No additional information available 5.3. Advice for finefighters Protection during finefighting : Do not enter fine area without proper protective equipment, including respiratory protection. SECTION 6: Accidental release measures 6.1. Personal precautions, protective equipment and emergency procedures 6.1.1. For non-emergency personnel Emergency procedures : Evacuate unnecessary personnel. 6.1.2. For emergency responders: Protective equipment : Use personal protective equipment as required. Emergency procedures : Ventilate area. 6.2. Environmental precautions : Ventilate area. 6.3. Methods and material for containment and cleaning up Methods for cleaning up Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections . No additional information available : Avoid contact with skin and eyes. Do not breath vapours. Provide good ventilation in process area to preveny coped areas with mild soap and water before eating, d	5.1 Extinguishing media	
Unsuitable exinguishing media : Do not use a heavy water stream. 5.2. Special hazards arising from the substance or mixture No additional information available 5.3. Advice for firefighters Protection during firefighting : Do not enter fire aree without proper protective equipment, including respiratory protection. SECTION 6. Accidental release measures 6.1. 6.1. Personal precautions, protective equipment and emergency procedures 6.1.1. For non-emergency personnel Emergency procedures : Evacuate unnecessary personnel. 6.1.2. For emergency responders Protective equipment : Use personal protective equipment as required. Emergency procedures : Ventilate area. 6.2. Environmental precautions Avoid release to the environment. 6.3. 6.3. Methods for cleaning up Reference to other sections : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections No additional information available : Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation in process area to prevent formation of vapour. References f		· Carbon dioxide Dry powder Foam Water spray
5.2. Special hazards arising from the substance or mixture No additional information available 5.3. Advice for firefighters Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. SECTION 6: Accidental release measures 6.1. Personal precautions, protective equipment and emergency procedures 6.1.1. For non-emergency personnel Emergency procedures : Evacuate unnecessary personnel. 6.1.2. For emergency responders Protective equipment Protective equipment : Use personal protective equipment as required. Emergency procedures : Ventilate area. 6.2. Environmental precautions Avoid release to the environment. 6.3. Methods and material for containment and cleaning up Methods for cleaning up Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage : Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation in process area to provent formation of vapour. Hygiene measures : Wash hands and other exposed areas with mild scap and water before eating, drinking or smoking and when leaving work. 7.2. Conditions f		
No additional information available 5.3. Advice for firefighters Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. SECTION 6: Accidental release measures 6.1. Personal precautions, protective equipment and emergency procedures 6.1.1. For non-emergency personnel Emergency procedures : Evacuate unnecessary personnel. 6.1.2. For emergency responders Protective equipment : Use personal protective equipment as required. Emergency procedures : Ventilate area. 6.2. Environmental precautions Avoid release to the environment. 6.3. Methods and material for containment and cleaning up Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling Precautions for safe handling Precautions for safe handling Precautions for safe storage, including any incompatibilities Storage conditions : Store in a well-ventilated place. Keep cont		
5.3. Advice for firefighters Protection during firefighting Do not enter fire area without proper protective equipment, including respiratory protection. SECTION 6: Accidental release measures 6.1. Personal precautions, protective equipment and emergency procedures 6.1.1. For non-emergency personnel Emergency procedures Evacuate unnecessary personnel. 6.1.2. For emergency responders Protective equipment Use personal protective equipment as required. Emergency procedures Ventilate area. 6.2. Environmental precautions Avoid release to the environment. 6.3. Methods and material for containment and cleaning up Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventiliation in process area to prevent formation of vapour. Hygiene measures Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. 7.2. Conditions for safe storage, including any incompatibilities Storage	5.2. Special hazards arising from the	e substance or mixture
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. SECTION 6: Accidental release measures 6.1. Personal precautions, protective equipment and emergency procedures 6.1.1. For non-emergency personnel Emergency procedures : Evacuate unnecessary personnel. 6.1.2. For emergency responders Protective equipment : Use personal protective equipment as required. Emergency procedures : Ventilate area. 6.2. Environmental precautions Avoid release to the environment. 6.3. Methods and material for containment and cleaning up Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling Proceautions for safe storage, including any incompatibilities Storage conditions : Store in a well-ventilated place. Keep container tightly closed. 7.3. Specific end use(s) :	No additional information available	
SECTION 6: Accidental release measures 6.1. Personal precautions, protective equipment and emergency procedures 6.1.1. For non-emergency personnel Emergency procedures : Evacuate unnecessary personnel. 6.1.2. For emergency responders Protective equipment : Use personal protective equipment as required. Emergency procedures : Ventilate area. 6.2. Environmental precautions Avoid release to the environment. 6.3. Methods and material for containment and cleaning up Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling Precautions for safe handling Precautions for safe storage, including and incompatibilities Storage conditions : Store in a well-ventilated place. Keep container tightly closed. 7.3. Specific end use(s) -	5.3. Advice for firefighters	
6.1. Personal precautions, protective equipment and emergency procedures 6.1.1. For non-emergency personnel Emergency procedures : Evacuate unnecessary personnel. 6.1.2. For emergency responders Protective equipment : Use personal protective equipment as required. Emergency procedures : Ventilate area. 6.2. Environmental precautions Avoid release to the environment. Avoid release to the environment. 6.3. Methods and material for containment and cleaning up Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections No additional information available Sectron 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation in process area to prevent formation of vapour. Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. 7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Store in a well-ventilated place. Keep container tightly closed.<	Protection during firefighting	
6.1. Personal precautions, protective equipment and emergency procedures 6.1.1. For non-emergency personnel Emergency procedures : Evacuate unnecessary personnel. 6.1.2. For emergency responders Protective equipment : Use personal protective equipment as required. Emergency procedures : Ventilate area. 6.2. Environmental precautions Avoid release to the environment. Avoid release to the environment. 6.3. Methods and material for containment and cleaning up Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections No additional information available Sectron 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation in process area to prevent formation of vapour. Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. 7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Store in a well-ventilated place. Keep container tightly closed.<	SECTION 6: Accidental release measure	S
6.1.1. For non-emergency personnel Emergency procedures : Evacuate unnecessary personnel. 6.1.2. For emergency responders Protective equipment : Use personal protective equipment as required. Emergency procedures : Ventilate area. 6.2. Environmental precautions Avoid release to the environment. 6.3. Methods and material for containment and cleaning up Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation in process area to prevent formation of vapour. Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. 7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Store in a well-ventilated place. Keep container tightly closed. 7.3. Specific end use(s) :		
Emergency procedures : Evacuate unnecessary personnel. 6.1.2. For emergency responders : Use personal protective equipment as required. Emergency procedures : Ventilate area. 6.2. Environmental precautions . Avoid release to the environment. . 6.3. Methods and material for containment and cleaning up . Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections . No additional information available . SECTION 7: Handling and storage . 7.1. Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation in process area to prevent formation of vapour. Hygiene measures : Wash hands and other exposed areas with multi soap and water before eating, drinking or smoking and when leaving work. 7.2. Conditions for safe storage, including any incompatibilities . Storage conditions : Store in a well-ventilated place. Keep container tightly closed. 7.3. Specific end use(s) .		e equipment and emergency procedures
6.1.2. For emergency responders Protective equipment : Use personal protective equipment as required. Emergency procedures : Ventilate area. 6.2. Environmental precautions Avoid release to the environment. 6.3. Methods and material for containment and cleaning up Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling Precautions for safe handling Precautions for safe handling Yugiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. 7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Store in a well-ventilated place. Keep container tightly closed. 7.3. Specific end use(s) :		
Protective equipment : Use personal protective equipment as required. Emergency procedures : Ventilate area. 6.2. Environmental precautions Avoid release to the environment. 6.3. 6.3. Methods and material for containment and cleaning up Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation in process area to prevent formation of vapour. Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. 7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Store in a well-ventilated place. Keep container tightly closed. 7.3. Specific end use(s)	Emergency procedures	: Evacuate unnecessary personnel.
Emergency procedures : Ventilate area. 6.2. Environmental precautions Avoid release to the environment. 6.3. 6.3. Methods and material for containment and cleaning up Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation in process area to prevent formation of vapour. Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. 7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Store in a well-ventilated place. Keep container tightly closed. 7.3. Specific end use(s)	6.1.2. For emergency responders	
6.2. Environmental precautions Avoid release to the environment. 6.3. Methods and material for containment and cleaning up Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. 7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Store in a well-ventilated place. Keep container tightly closed. 7.3. Specific end use(s)	Protective equipment	: Use personal protective equipment as required.
Avoid release to the environment. 6.3. Methods and material for containment and cleaning up Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation in process area to prevent formation of vapour. Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. 7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Store in a well-ventilated place. Keep container tightly closed. 7.3. Specific end use(s) :	Emergency procedures	: Ventilate area.
Avoid release to the environment. 6.3. Methods and material for containment and cleaning up Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation in process area to prevent formation of vapour. Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. 7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Store in a well-ventilated place. Keep container tightly closed. 7.3. Specific end use(s) :	6.2 Environmental precautions	
6.3. Methods and material for containment and cleaning up Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation in process area to prevent formation of vapour. Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. 7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Store in a well-ventilated place. Keep container tightly closed. 7.3. Specific end use(s)		
Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. 6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation in process area to prevent formation of vapour. Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. 7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Store in a well-ventilated place. Keep container tightly closed. 7.3. Specific end use(s)		
6.4. Reference to other sections No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation in process area to prevent formation of vapour. Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. 7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Store in a well-ventilated place. Keep container tightly closed. 7.3. Specific end use(s)	6.3. Methods and material for contai	nment and cleaning up
No additional information available SECTION 7: Handling and storage 7.1. Precautions for safe handling Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation in process area to prevent formation of vapour. Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. 7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Store in a well-ventilated place. Keep container tightly closed. 7.3. Specific end use(s)	Methods for cleaning up	
7.1. Precautions for safe handling Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation in process area to prevent formation of vapour. Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. 7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Store in a well-ventilated place. Keep container tightly closed. 7.3. Specific end use(s)		
Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe vapours. Provide good ventilation in process area to prevent formation of vapour. Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. 7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Store in a well-ventilated place. Keep container tightly closed. 7.3. Specific end use(s)	SECTION 7: Handling and storage	
Hygiene measures in process area to prevent formation of vapour. Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. 7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Store in a well-ventilated place. Keep container tightly closed. 7.3. Specific end use(s)	7.1. Precautions for safe handling	
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. 7.2. Conditions for safe storage, including any incompatibilities Storage conditions : Store in a well-ventilated place. Keep container tightly closed. 7.3. Specific end use(s)	Precautions for safe handling	
Storage conditions : Store in a well-ventilated place. Keep container tightly closed. 7.3. Specific end use(s)	Hygiene measures	: Wash hands and other exposed areas with mild soap and water before eating,
7.3. Specific end use(s)	7.2. Conditions for safe storage, inc	luding any incompatibilities
	Storage conditions	: Store in a well-ventilated place. Keep container tightly closed.
	7.3. Specific end use(s)	
	No additional information available	

Safety Data Sheet

82

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

Exposure controls

8.2. Exposure controls		
Hand protection	: Protective gloves	
Eye protection	: Chemical goggles or safety glasses	
Skin and body protection	: Wear suitable protective clothing	
Respiratory protection	: [In case of inadequate ventilation] wear respiratory protection.	
SECTION 9: Physical and chemical properties		
9.1. Information on basic physical a Physical state	nd chemical properties : Solid	
-		
Molecular mass Colour	: 256.32 g/mol : Black powder.	
Odour	: No data available	
Odour threshold	: No data available	
pH	: No data available	
Relative evaporation rate (butylacetate=1)	: No data available	
Melting point	: 168 °C	
Freezing point	: No data available	
Boiling point	: No data available	
Flash point	: No data available	
Auto-ignition temperature	: No data available	
Decomposition temperature	: No data available	
Flammability (solid, gas)	: No data available	
Vapour pressure	: No data available	
Relative vapour density at 20 °C	: No data available	
Relative density	: No data available	
Solubility	: Water: Insoluble in water	
Log Pow	: No data available	
Viscosity, kinematic	: No data available	
Viscosity, dynamic	: No data available	
Explosive properties	: No data available	

Safety Data Sheet

Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
No additional information available	
SECTION 10: Stability and reactivity	
10.1. Reactivity	
No additional information available	
10.2. Chemical stability	
Stable under normal conditions.	
10.3. Possibility of hazardous reaction	IS
No additional information available	
10.4. Conditions to avoid	
Air contact. Direct sunlight. Moisture.	
10.5. Incompatible materials	
No additional information available	
10.6. Hazardous decomposition produ	icts
No additional information available	
SECTION 11: Toxicological information	
11.1. Information on toxicological effe	cts
Acute toxicity	: Not classified
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes skin initiation. : Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause respiratory irritation.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

Safety Data Sheet

12.2. Persistence and degradabili	ty		
No additional information available			
12.3. Bioaccumulative potential			
No additional information available			
40.4 M L 111 L 11			
12.4. Mobility in soil No additional information available			
12.5. Results of PBT and vPvB as	sessment		
No additional information available			
12.6. Other adverse effects			
No additional information available			
SECTION 13: Disposal consideration	าร		
13.1. Waste treatment methods			
No additional information available			
SECTION 14: Transport information			
In accordance with ADR / RID / IMDG /	' IATA / ADN		
14.1. UN number			
UN-No. (ADR)	: Not applicable		
UN-No. (IMDG)	: Not applicable		
UN-No. (IATA)	: Not applicable		
UN-No. (ADN)	: Not applicable		
UN-No. (RID)	: Not applicable		
14.2. UN proper shipping name			
Proper Shipping Name (ADR)	: Not applicable		
Proper Shipping Name (IMDG)	: Not applicable		
Proper Shipping Name (IATA)	: Not applicable		
Proper Shipping Name (ADN)	: Not applicable		
Proper Shipping Name (RID)	: Not applicable		
14.3. Transport hazard class(es)			
ADR			
Transport hazard class(es) (ADR)	: Not applicable		
IMDG			
Transport hazard class(es) (IMDG)	: Not applicable		
	••		
ΙΑΤΑ			
Transport hazard class(es) (IATA)	: Not applicable		
ADN			
Transport hazard class(es) (ADN)	: Not applicable		
www.spanlab.in		31/05/2016	6/8

Safety Data Sheet

RID Transport hazard class(es) (RID)	: Not applicable
14.4. Packing group	
Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable
14.5. Environmental hazards	
Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available

14.6. Special precautions for user

- Overland transport

No data available

- Transport by sea

No data available

- Air transport No data available

- Inland waterway transport

No data available

- Rail transport

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

DITHIZONE Extra Pure is not on the REACH Candidate List DITHIZONE Extra Pure is not on the REACH Annex XIV List

15.1.2. National regulations

Germany

12th Ordinance Implementing the Federal : Is not subject of the 12. BlmSchV (Hazardous Incident Ordinance) Immission Control Act - 12.BlmSchV

Safety Data Sheet

Netherlands	
SZW-lijst van kankerverwekkende stoffen	: The substance is not listed
SZW-lijst van mutagene stoffen	: The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	: The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	: The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	: The substance is not listed
Denmark	
Recommendations Danish Regulation	: Young people below the age of 18 years are not allowed to use the product

15.2. Chemical safety assessment No additional information available

SECTION 16: Other information

Full text of R-, H- and EUH-statements:

Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
R36	Irritating to eyes
R38	Irritating to skin
Xi	Irritant

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product