 SECTION 1. IDENTIFICATION

Product name : EXRC 100 PTA 2,585KG IP31
Product code : 000000000050715787 000000000050715787

Manufacturer or supplier’s details
Company name of supplier : Master Builders Solutions US, LLC
Address : 23700 CHAGRIN BLVD
           Beachwood OH 44122
Emergency telephone : ChemTel: +1-813-248-0585 USA: +1-800-255-3924

Recommended use of the chemical and restrictions on use
Recommended use : Product for construction chemicals
Restrictions on use : Reserved for industrial and professional use.

 SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200
Acute toxicity (Oral) : Category 4
Acute toxicity (Dermal) : Category 4
Serious eye damage/eye irritation : Category 2A
Specific target organ toxicity - repeated exposure : Category 2 (Pancreas)
Short-term (acute) aquatic hazard : Category 1
Long-term (chronic) aquatic hazard : Category 1

GHS label elements
Hazard pictograms : ![Hazard Pictograms]

Signal Word : Warning
Hazard Statements : H319 Causes serious eye irritation.
                   H312 Harmful in contact with skin.
                   H302 Harmful if swallowed.
                   H373 May cause damage to organs (Pancreas) through pro-
                           longed or repeated exposure.
                   H400 Very toxic to aquatic life.
                   H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements : Prevention:
                           P280 Wear protective gloves/ protective clothing/ eye protection/
face protection.
P273 Avoid release to the environment.
P260 Do not breathe dust or mist.
P270 Do not eat, drink or smoke when using this product.
P264 Wash face, hands and any exposed skin thoroughly after handling.

Response:
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314 Get medical advice/attention if you feel unwell.
P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.
P361 + P364 Take off immediately all contaminated clothing and wash it before reuse.
Rinse mouth.
P391 Collect spillage.
P337 + P311 If eye irritation persists: Call a POISON CENTER or doctor/physician.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.

Disposal:
P501 Dispose of contents/container to appropriate hazardous waste collection point.

Other hazards
None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : No applicable information available.

Components

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration (% w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>diethylmethylbenzenediamine</td>
<td>68479-98-1</td>
<td>&gt;= 25 - &lt; 50</td>
</tr>
</tbody>
</table>

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.
Show this material safety data sheet to the doctor in attendance.
Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of skin contact : Take victim immediately to hospital.
If on skin, rinse well with water.
If on clothes, remove clothes.

In case of eye contact : Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing. If eye irritation persists, consult a specialist. Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

If swallowed: Induce vomiting immediately and call a physician. Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

Most important symptoms and effects, both acute and delayed: Harmful if swallowed or in contact with skin. Causes serious eye irritation.

Notes to physician: Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Foam
Water spray
Dry powder
Carbon dioxide (CO2)

Unsuitable extinguishing media: water jet

Specific hazards during fire fighting: Do not allow run-off from fire fighting to enter drains or water courses.

Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for fire-fighters: In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment.

Environmental precautions: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion: Product is not explosive. Normal measures for preventive fire protection.

Advice on safe handling: Do not breathe vapors/dust. Avoid contact with skin and eyes.
For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage:
- Keep container tightly closed in a dry and well-ventilated place.
- Containers which are opened must be carefully resealed and kept upright to prevent leakage.
- Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions:
- Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.
- Protect from direct sunlight.

Materials to avoid:
- Observe VCI storage rules.

Further information on storage stability:
- No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters
Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection:
- Wear appropriate certified respirator when exposure limits may be exceeded.

Hand protection

Remarks:
- The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection:
- Eye wash bottle with pure water
- Tightly fitting safety goggles
- Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection:
- Impervious clothing
- Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Protective measures:
- Do not inhale gases/vapours/aerosols.
- Avoid contact with the skin, eyes and clothing.
- Avoid exposure - obtain special instructions before use.
- Handle in accordance with good building materials hygiene and safety practice.
- Wearing of closed work clothing is recommended.

Hygiene measures:
- When using do not eat or drink.
- When using do not smoke.
- Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:
- liquid

Color:
- No data available.
Odor : slight odour
pH : neutral to slightly alkaline
Melting point : No applicable information available.
Boiling point : 586.00 °F / 307.78 °C
Flash point : 275 °F / 135 °C
Evaporation rate : No applicable information available.
Flammability (solid, gas) : not highly flammable
          Method: derived from flash point
Upper explosion limit / Upper flammability limit : No data available.
Lower explosion limit / Lower flammability limit : No data available.
Vapor pressure : No applicable information available.
Relative vapor density : Heavier than air.
Relative density : No applicable information available.
Density : 8.463 lb/USg (68 °F / 20 °C)
Bulk density : not applicable
Solubility(ies) : 
          Water solubility : insoluble
          Solubility in other solvents : No applicable information available.
Partition coefficient: n-octanol/water : not applicable
Autoignition temperature : No data available
Decomposition temperature : No applicable information available.
Viscosity : 
          Viscosity, dynamic : No applicable information available.
          Viscosity, kinematic : No applicable information available.
Explosive properties : Not explosive
          Not explosive
Oxidizing properties : Based on its structural properties the product is not classified as oxidizing.
SECTION 10. STABILITY AND REACTIVITY

Reactivity
- No decomposition if stored and applied as directed.

Chemical stability
- No decomposition if stored and applied as directed.

Possibility of hazardous reactions
- No decomposition if stored and applied as directed.

Conditions to avoid
- See SDS section 7 - Handling and storage.

Incompatible materials
- Strong acids
- Strong bases
- Strong oxidizing agents
- Strong reducing agents

Hazardous decomposition products
- No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity
Harmful if swallowed or in contact with skin.

Product:
- Acute oral toxicity : ATE: 705.5 mg/kg
- Acute dermal toxicity : ATE: 1,046 mg/kg

Skin corrosion/irritation
Not classified based on available information.

Serious eye damage/eye irritation
Causes serious eye irritation.

Respiratory or skin sensitization

Skin sensitization
Not classified based on available information.

Respiratory sensitization
Not classified based on available information.

Germ cell mutagenicity
Not classified based on available information.

Carcinogenicity
Not classified based on available information.

Reproductive toxicity
Not classified based on available information.

STOT-single exposure
Not classified based on available information.
STOT-repeated exposure
May cause damage to organs through prolonged or repeated exposure.

Aspiration toxicity
Not classified based on available information.

Product:
No aspiration hazard expected.

Further information

Product:
Remarks : No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Ecotoxicology Assessment
Acute aquatic toxicity : Very toxic to aquatic life.
Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

Persistence and degradability
No data available

Bioaccumulative potential

Components:
diethylnethylbenzenediamine:
Partition coefficient: n-octanol/water : log Pow: 1.38 (77 °F / 25 °C)
pH: 8.6
Method: Partition coefficient (n-octanol/water), Shake-flask method
GLP: yes

Mobility in soil
No data available

Other adverse effects

Product:
Additional ecological information :
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.
The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual
SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods
Waste from residues : Dispose of in accordance with national, state and local regulations.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Do not discharge into drains/surface waters/groundwater.

Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG
UN number : UN 3082
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(DIETHYLMETHYLBENZENEDIAMINE)
Class : 9
Subsidiary risk : EHSM
Packing group : III
Labels : 9 (EHSM)

IATA-DGR
UN/ID No. : UN 3082
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(DIETHYLMETHYLBENZENEDIAMINE)
Class : 9
Subsidiary risk : EHSM
Packing group : III
Labels : Miscellaneous, Environmentally hazardous
Packing instruction (cargo aircraft) : 964
Packing instruction (passenger aircraft) : 964

IMDG-Code
UN number : UN 3082
Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(DIETHYLMETHYLBENZENEDIAMINE)
Class : 9
Subsidiary risk : EHSM
Packing group : III
Labels : 9 (EHSM)
EmS Code : F-A, S-F
Marine pollutant : yes
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

Domestic regulation

49 CFR
Not regulated as a dangerous good

Special precautions for user
The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

The ingredients of this product are reported in the following inventories:
DSL : All components of this product are on the Canadian DSL
TSCA : All chemical substances in this product are either listed as active on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

SECTION 16. OTHER INFORMATION

Further information

NFPA 704:  
HMIS® IV:  

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic
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