SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

<table>
<thead>
<tr>
<th>TRADE NAME</th>
<th>1261 MG-KRETE LOW TEMP ACCELERATOR D2B</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT USE</td>
<td>Low temp accelerator is a powder additive for MG-KRETE to speed up the working time in low temperature environments.</td>
</tr>
<tr>
<td>MANUFACTURE’S NAME</td>
<td>IMCO TECHNOLOGIES</td>
</tr>
<tr>
<td></td>
<td>6254 SKYWAY RD., PO BOX 915</td>
</tr>
<tr>
<td></td>
<td>SMITHVILLE, ON, LOR 2A0</td>
</tr>
<tr>
<td></td>
<td>TEL 1-877-957-4626</td>
</tr>
<tr>
<td></td>
<td>FAX 905-527-0606</td>
</tr>
<tr>
<td></td>
<td>3909 Witmer RD, Suite 1014</td>
</tr>
<tr>
<td></td>
<td>NIAGARA FALLS, NY 14305</td>
</tr>
<tr>
<td>EMERGENCY NUMBER</td>
<td>613-996-6666 or *666 CANUTEC</td>
</tr>
<tr>
<td></td>
<td>1-800-535-5053 UNITED STATES POISON INFORMATION CENTRE</td>
</tr>
</tbody>
</table>

2. HAZARDS IDENTIFICATION

- **ROUTE OF ENTRY**: Eye contact, Ingestion, Skin contact, inhalation.
- **CARCINOGENIC STATUS**: Not considered carcinogenic by IARC, and OSHA.
- **TARGET ORGANS**: Eye, Skin, Respiratory tract.
- **HEALTH EFFECTS – EYE**: Dust may irritate the eyes.
- **HEALTH EFFECTS – SKIN**: Dust may irritate skin.
- **HEALTH EFFECTS – INGESTION**: Ingestion generally causes purging of the bowels. Swallowing large amount may lead to bowel obstruction.
- **HEALTH EFFECTS – INHALATION**: Dust may irritate nasal passages. Dust can cause mechanical irritation of the respiratory tract. Inhalation of freshly generated magnesium oxide fume may result in metal fume fever.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENTS</th>
<th>CAS NUMBER</th>
<th>WEIGHT %</th>
<th>TWA Mg/m3</th>
<th>LD50 ORAL RAT Mg/kg</th>
<th>LC50 INHAL RAT ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAGNESIUM OXIDE</td>
<td>1309-48-4</td>
<td>60 – 100</td>
<td>10 (fume)</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

- **FIRST AID – INHALATION**: Remove to fresh air. Treat metal fever with bed rest and treat for fever and pain.
- **FIRST AID – SKIN**: Flush skin with soap and water. Remove and wash contaminated clothing before reuse.
- **FIRST AID – EYE**: Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if irritation persists.
- **FIRST AID – INGESTION**: Treat symptomatically. If bowel obstruction occurs, immediately consult a physician.

INFORMATION FOR DOCTOR

Most important symptoms and effects, both acute and delayed.
No further relevant information

Indications of any immediate medical attention and special treatment needed.
No further relevant information available.
5. FIRE FIGHTING MEASURES

<table>
<thead>
<tr>
<th>CONDITIONS OF FLAMMABILITY</th>
<th>Non-flammable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXTINGUISHING MEDIA</td>
<td>Non-flammable. Carbon dioxide, dry chemical, foam, or water spray.</td>
</tr>
<tr>
<td>SPECIAL HAZARDS OF PRODUCT</td>
<td>None.</td>
</tr>
<tr>
<td>PROTECTIVE EQUIPMENT FOR FIRE FIGHTING</td>
<td>Fire fighters should wear full protective clothing, including self-contained breathing equipment. Avoid breathing decomposition products. Keep personnel removed and upwind of fire.</td>
</tr>
<tr>
<td>EXPLOSION DATA – SENSITIVITY TO IMPACT</td>
<td>NO</td>
</tr>
<tr>
<td>EXPLOSION DATA – SENSITIVITY TO STATIC DISCHARGE</td>
<td>NO</td>
</tr>
</tbody>
</table>

6. ACCIDENTAL RELEASE MEASURES

| SPILL PROCEDURES | Wear appropriate breathing apparatus (if applicable) and protective clothing. Ventilate. Eliminate all sources of ignition. Reclaim product for re-use. Sweep up or vacuum spilled material. Avoid dust accumulation. Scoop up and put into container. |
| PERSONAL PRECAUTIONS | Wear appropriate protective equipment. |
| ENVIRONMENTAL PRECAUTIONS | Prevent entry into sewers or streams, dike if needed. Consult local authorities. |
| REFERENCES TO OTHER SECTIONS | See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information. |

7. HANDLING AND STORAGE

| HANDLING | Keep containers closed when not in use. Avoid contact with eyes, skin and clothing. Avoid breathing dust or mist. Use adequate ventilation. Wash skin thoroughly with soap and water after handling. Handle in accordance with good industrial hygiene and safety practices. Minimize dust generation and exposure. |
| STORAGE | Keep containers tightly closed. Normal storage conditions. |

INFORMATION ABOUT PROTECTION AGAINST EXPLOSION AND FIRE

Keep ignition sources away – Do not smoke
Protect against electrostatic charges

SPECIFIC END USE(S)

No further relevant information available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| ENGINEERING CONTROL MEASURES | General and local exhaust ventilation as recommended by good manufacturing practices should be sufficient for normal operations. Local exhaust ventilation should be used to minimize dust. |
| RESPIRATORY PROTECTION | If exposure exceeds occupational exposure limits, use an appropriate NIOSH-approved respirator. |
| HAND PROTECTION | Wear impervious gloves. |
| EYE PROTECTION | Safety glasses with side shields. |
| BODY PROTECTION | Wear overall or apron. Launder contaminated clothing prior to reuse. |
| PROTECTION DURING APPLICATION | During application, adequate ventilation must be provided. Mix in a well-ventilated area. If ventilation is poor, wear respiratory protection. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| FLASH POINT (PMCC) (°C/F) | None |
| UPPER FLAMMABLE LIMIT %VOL | NA |
| LOWER FLAMMABLE LIMIT %VOL | NA |
| AUTOIGNITION TEMP (°C/F) | NA |
| PHYSICAL STATE | Solid, powder |
| ODOUR & APPEARANCE | Odourless, white |
| ODOR THRESHOLD (ppm) | NA |
| SPECIFIC GRAVITY | 3.5 – 3.6 |
| VAPOR DENSITY (AIR = 1) | NA |
| VAPOR PRESSURE 20 C | 0 |
| EVAPORATION RATE | NA |
| BOILING POINT (°C) | 3582 |
| FREEZING POINT (°C) | NA |
| pH | 10 |
| COEFFICIENT OF WATER/OIL DISTRIBUTION | NA |
10. STABILITY AND REACTIVITY

**STABILITY**
Stable under normal conditions

**CONDITIONS TO AVOID**
A reaction accompanied by large heat release occurs when the product is mixed with acids. Heat generated may be sufficient to cause vigorous boiling, creating a hazard due to splashing or splattering of hot material.

**MATERIALS TO AVOID**
Acid (strong), Chlorine trifluoride, Phosphorus pentachloride. Exposure to water may cause product to slowly hydrate, during which heat may be generated (exothermic reaction).

**HAZARDOUS POLYMERIZATION**
Will not occur.

**HAZARDOUS DECOMPOSITION PRODUCTS**
If heated to the point of volatilization (1700 deg C), magnesium oxide FUMES may be generated.

11. TOXICOLOGICAL INFORMATION

**EFFECTS OF ACUTE EXPOSURE**
Dust may irritate the skin, eyes, nasal passages and respiratory tract. Inhalation of freshly generated magnesium oxide FUME may result in metal fume fever. Ingestion generally causes purging of the bowels.

**EFFECTS OF CHRONIC EXPOSURE**
No specific data is available.

**EXPOSURE LIMITS**
ACGIH – 10 mg/m³ TLV-TWA, (MAGNESIUM OXIDE – FUME)

**IRRITANCY**
Mild irritation expected

**SENSITIZATION**
No

**CARCINOGENICITY**
Not listed by ACGIH and IARC.

**REPRODUCTIVE TOXICITY**
None known.

**TERATOGENICITY**
None known.

**MUTAGENICITY**
None known.

**TOXICOLOGICALLY SYNERGISTIC PRODUCTS**
None known.

12. ECOLOGICAL INFORMATION

**MOBILITY**
No data available.

**PERSISTENCE/DEGRADABILITY**
No data available.

**BIO-ACCUMULATION**
No data available.

**ECOTOXICITY**
No data available.

**RESULTS of PBT and vPvB Assessment**

PBT: N/A
vPvB: N/A

13. DISPOSAL CONSIDERATIONS

**PRODUCT DISPOSAL**
Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations

**CONTAINER DISPOSAL**
Empty containers should be recycled or disposed of through an approved waste management facility.

**UNCLEANED PACKAGING**
Recommendation: Disposal must be made according to official regulations

14. TRANSPORTATION INFORMATION

**MARINE POLLUTANT**
NO

**SPECIFIC PRECAUTIONS FOR USER**
M/A

**TDG CLASSIFICATION**
Not Regulated.

**Hazardous Material**
Not Regulated by D.O.T.

**UN NUMBER**
NA

**UN CLASS**
NA

**UN PACKAGING GROUP**
NA

**FLASH POINT**
NA

**HAZARDOUS MATERIAL**
NA

**HAZARD LABEL**
NA
15. REGULATORY INFORMATION

WHMIS (Canada): Not Controlled under WHMIS (Canada)

CEPA STATUS (DSL): All of the ingredients of this product are listed on the Domestic Substances List. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by CPR.

16. OTHER INFORMATION

HAZARD RATING (HMIS)

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>REACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-MINIMAL</td>
<td>4-SLIGHT</td>
<td>3-MODERATE</td>
</tr>
</tbody>
</table>

KEY

NA: No applicable information found or available
CAS#: Chemical Abstracts Service Number
ACGIH: American Conference of Governmental Industrial Hygienists
OSHA: Occupational Safety and Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
STEL: Short Term Exposure Limit
NTP: National Toxicology Program
IARC: International Agency for Research on Cancer
R: Risk
S: Safety
LD50: Lethal Dose 50%
LC50: Lethal Concentration 50%

PREPARED BY: IMCO Technologies Inc.

SDS REVISION DATE | November 5, 2018

Provided data is offered in good faith as typical values and not as a product specification. No warranty, either express or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, however, each user should review these recommendations.