SECTION 1 – Identification of the substance or mixture and of company/undertaking

Product Name: MAXIBLAST
Other means of identification: Iron Silicate
Recommended Use: Blasting abrasives, roofing granules and other aggregate uses
Restriction on use: None known

Supplier/ Contact information:
Bellemare Abrasives & Minerals
8750 Boul. Industriel
Trois-Rivières (Québec)
Canada G9A 5E1
Phone: 1 866-885-4366 Fax: 819-376-2628
Emergency phone number: 819-609-9900

SECTION 2 – Hazards identification

GHS Classification: This product is hazardous according to OSHA 29 CFR 1910.1200.

Health hazards:
Acute toxicity (Oral) - Category 4
Carcinogenicity - Category 2
Skin corrosion/irritation - Category 3
Eyes damage/irritation - Category 2A
Specific target organ toxicity, single exposure - Category 2 (respiratory system)
Specific target organ toxicity, single exposure - Category 2 (digestive system and/or systemic toxicity)
Specific target organ toxicity, repeated exposure - Category 2 (respiratory system, lungs)

Signal word:

Warning

Hazard statement: Harmful if swallowed. Can cause skin and eyes irritation. May cause damage to respiratory system and lungs through prolonged or repeated exposure.

Precautionary statement:

Prevention

Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/clothing and eye/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

Response

If on skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention. If swallowed: Rinse mouth and call a poison center or a doctor.

Disposal

Dispose of contents/container in accordance with all local, regional, national, and international regulations.

Exposure Guidelines: Exposure to this product may be covered by OSHA inert or nuisance dust limits 15mg/m³ for total dust and 5mg/m³ for respirable portion. ACGIHTLV: 10mg/m³ for total dust and 5mg/m³.

Engineering Controls: Provide local exhaust or process enclosure ventilation system. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).

Protective Clothing/Equipment: Wear splash resistant safety goggles with a face shield. Provide an emergency eye wash fountain and quick drench shower in the immediate work area. Where dust or vapor concentration exceeds or is likely to exceed applicable exposure limits, a NIOSH approved respirator is required. Use gloves to provide hand protection from abrasion. Wear appropriate chemical resistant clothing.

SECTION 9 - Physical and chemical properties

Appearance:
Black, angular particles
Odor: Odorless
PH Not available
Flammability: Non-combustible
Vapor Pressure: Not applicable
Vapor Density (Air=1): Not applicable
Boiling Point: Not applicable

Melting Point: 1027-1341°C
Flash Point: Non-flammable, non-explosive
Specific Gravity (H_2O=1): 3.5 (typical)
Evaporation Rate (butyl acetate=1): Not applicable
Solubility in Water: <0.4 ppm
Autoignition temperature: Not available

SECTION 10 - Stability and reactivity

Stability: This product is stable under normal conditions of use, storage and transportation.
Possibility of hazardous reactions: Hazardous polymerization will not occur.
Conditions to Avoid: Avoid dust formation and contact with acids.
Incompatible materials: Strong acids.
Hazardous Decomposition Products: Miscellaneous decomposition products.

SECTION 11 - Toxicological information

Inhalation: Dusts may irritate the nose, throat, mucous membranes and respiratory tract.

Eye Contact: Dust particles can scratch the eye causing tearing, redness, a stinging or burning feeling, or swelling of the eyes with blurred vision. Conjunctivitis may occur.

Skin Contact: Direct contact may cause irritation by mechanical abrasion.

Ingestion: Diarrhea, stomach pain, difficulty breathing.

Medical Conditions Aggravated by Exposure: Persons with impaired respiratory function may be more susceptible to the effects of this substance. Smoking can increase the risk of lung injury.

Delayed and immediate effects and also chronic effects from short and long-term exposure: Respiratory tract irritant, skin irritant, eye irritant. Coughing and irritation of throat are early symptoms. Material is irritating to mucous membranes and upper respiratory tract. Inhalation of dust over a long period of time increases the risk of developing lung diseases, including pneumoconiosis.

Carcinogenicity: Negative. Iron silicate does not contain any constituents classified as a Category 1 carcinogen. It does contain minor constituents classified as a Category 2 carcinogen but below 1.0 %. Therefore, it does not meet criteria for classification for carcinogenicity.

Take special precaution to note the potential hazards of the substrate, coatings or contamination that are removed by the use of our product. All material Certifications and chemical analyses should be obtained before commencement of work.

SECTION 12 - Ecological information

Ecotoxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

NFPA Ratings: Health: 1 **Fire:** 0 **Reactivity:** 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

WHMIS 2015 classification: This Safety Data Sheet (SDS) has been prepared to comply with this requirement.

OSHA: This Safety Data Sheet (SDS) has been prepared to comply with the Hazard Communication Standard, 29 CFR 1910.1200.

California proposition 65: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

SECTION 16 - Other information

Issue date: 01/01/2016
Last Updated: 17/12/2018
The following sections contain revisions: All sections

Disclaimer: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Bellemare Abrasives & Minerals be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages.

BELLEMARE

MAXIBLAST

DO NOT BREATHE THIS MATERIAL
NE RESPIREZ PAS CE MATÉRIAU

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WARNING
Harmful if swallowed. Can cause skin and eyes irritation. May cause damage to respiratory system and lungs through prolonged or repeated exposure.

FIRST AID: Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Get medical attention. **Eye Contact:** Immediately flush eyes with large amounts of clean water for at least 15 minutes while holding the eyelids open. Remove contact lenses. Occasionally lift the eyelids to ensure thorough rinsing. Beyond flushing, do not attempt to remove material from eyes. Get medical attention if irritation persists or later develops. **Skin Contact:** If adverse effects occur, wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention, if needed. Thoroughly clean and dry contaminated clothing and shoes before reuse. Wash work clothes separately from another household clothing. **Ingestion:** If swallowed, rinse mouth and get immediate medical attention. Do not induce vomiting. **Potential Acute Health Effects:** Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. **Potential Chronic Health Effects:** The substance may be toxic to lungs and upper respiratory tract. Repeated or prolonged exposure to the substance can produce target organs damage. Immediately seek medical attention if symptoms are significant or persist. In emergency:819-609-9900.

Contains: Iron silicate (100%), Iron Oxide (30-60%), Silicon dioxide/amorphous silica (30-60%), Calcium oxide (1-5%), Aluminum oxide (1-5%), Zinc (1-5%), Crystalline silica (<0.1%), trace arsenic, beryllium, cadmium, chromium, lead, nickel and titanium. Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations.

Ensure that this product is used in compliance with all federal, state/provincial, and local regulations. In most situations, worker safety training plus engineering & administrative controls are required. Establish a comprehensive personal protective equipment (PPE) program including, but not limited to protecting, eyes, face, skin, feet, breathing and hearing. Before use, review the SDS carefully for further warnings and safety information, available on request at order@groupebellemare.com. The requirements of workplace and other safety regulations are not limited to the information included on this label and the SDS. Evaluate and take appropriate precautions for hazards arising from dust and other conditions created from the material being abraded.

KEEP OUT OF REACH OF CHILDREN | DO NOT BREATHE DUST.

MISE EN GARDE
Nocif si avalé. Peut causer l'irritation de la peau et des yeux. Peut endommager les voies respiratoires et les poumons lors d'une exposition prolongée ou répétée.

PREMIERS SOINS : **Inhalation:** En cas d'inhalation, déplacer la victime vers un endroit bien ventilé. Si la personne ne respire pas, pratiquer la respiration artificielle. Obtenir des soins médicaux si nécessaire. **Contact avec les yeux:** Rincer immédiatement les yeux avec de grandes quantités d'eau claire pendant au moins 15 minutes en maintenant les paupières ouvertes. Enlever les lentilles de contact. Au besoin, soulever les paupières pour assurer un rinçage à fond. Ne pas tenter de retirer le matériel des yeux sauf en rinçant. Si l'irritation persiste, consulter un médecin. **Contact avec la peau:** En cas d'effets indésirables, laver la peau à l'eau savonneuse pendant au moins 15 minutes et retirer les chaussures et les vêtements contaminés. Consulter un médecin, si nécessaire. Nettoyer et sécher les vêtements contaminés et les chaussures avant de les réutiliser. Laver les vêtements de travail séparément des autres vêtements domestiques.
Ingestion: En cas d'ingestion, rincer la bouche et obtenez un avis médical immédiatement. Ne pas faire vomir. **Effets aigus sur la santé:** Légèrement dangereux en cas de contact cutané (irritant), de contact avec les yeux (irritant), d'ingestion ou d'inhalation. **Effets chroniques potentiels sur la santé:** La substance peut être toxique pour les poumons et les voies respiratoires supérieures. L'exposition répétée ou prolongée à la substance peut produire des lésions à des organes cibles. Consulter immédiatement un médecin si les symptômes sont importants ou persistent. En cas d'urgence : 819-609-9900.

Contient : Silicate de fer (100%), Oxyde de fer (30-60%), Dioxyde de silicium/silice amorphe (30-60%), Oxyde de calcium (1-5%), Oxyde d'aluminium (1-5%), Zinc (1-5%), Silice cristalline (<0.1%), traces d'arsenic, béryllium, cadmium, chrome, plomb, nickel et titane. Le traitement, le stockage, le transport et l'élimination doivent être fait conformément aux réglementations fédérales, provinciales et locales.

Assurez-vous que ce produit est utilisé en conformité avec toutes les réglementations fédérales, provinciales et locales. Dans la plupart des situations, une formation pour la sécurité des travailleurs ainsi que des contrôles techniques et administratifs sont requis. Établissez un programme complet d'équipements de protection individuelle (EPI) incluant, entre autres, la protection des yeux, du visage, de la peau, des pieds, de la respiration et de l'ouïe. Avant utilisation, lisez attentivement la FDS pour plus d'informations sur la sécurité, disponible au order@groupebellemare.com. Les exigences de la réglementation sur le lieu de travail et des autres réglementations de sécurité ne se limitent pas aux informations figurant sur cette étiquette et sur la FDS. Évaluer et prendre les précautions nécessaires contre les dangers résultants de la poussière et d'autres conditions créées par le matériau abrasé.

TENIR HORS DE LA PORTÉE DES ENFANTS | NE PAS RESPIRER LA POUSSIÈRE.

Bellemare Abrasifs & Minéraux., 8750, boulevard Industriel, Trois-Rivières (Québec) G9A 5E1

NOTICE: To obtain the applicable **LIMITED WARRANTY** send a written request to / AVIS : pour obtenir la GARANTIE LIMITÉE applicable, envoyez une demande écrite à Bellemare Abrasifs & Minéraux//Abrasives & Minerals, a/s Garanties/Warranties, 8750, boulevard Industriel, Trois-Rivières (Québec) G9A 5E1

PRODUCT OF CANADA | PRODUIT DU CANADA

Date: _2019-07-25_

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