

# SAFETY DATA SHEET

## MURIATE OF POTASH

### Section 1. Identification

<b>Product identifier</b>	: MURIATE OF POTASH
<b>Product code</b>	: GRA, SOG, STD, SUS, SOL, SOGOS
<b>SDS #</b>	: N-2153
<b>Other means of identification</b>	: Potassium chloride (KCl)
	This safety data sheet applies to the following:
	GRA - Muriate of Potash 0-0-60 Granular
	SOG - Muriate of Potash 0-0-62 White Granular
	STD - Muriate of Potash 0-0-60 Standard
	SUS - Muriate of Potash 0-0-60 Suspension
	SOL - Muriate of Potash 0-0-62 Soluble
	SOGOS - Muriate of Potash 0-0-61 Granular Off Spec
<b>Product type</b>	: Solid.

#### Relevant identified uses of the substance or mixture and uses advised against

<b>Identified uses</b>
Fertilizer. Manufacture of specialty fertilizers.
<b>Uses advised against</b>
Not available.

<b>Supplier's details</b>	: PCS Sales (USA), Inc. (A Subsidiary of Nutrien Ltd.) Suite 150 500 Lake Cook Road Deerfield, IL 60015 United States
<b>Telephone no.</b>	: 1-800-524-0132
<b>Email</b>	: sds@nutrien.com
<b>Emergency telephone number (with hours of operation)</b>	: CHEMTREC (24 hrs) 1-800-424-9300 or +1-703-527-3887

### Section 2. Hazards identification

<b>OSHA/HCS status</b>	: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
<b>Classification of the substance or mixture</b>	: Not classified.
<b>GHS label elements</b>	
<b>Hazard pictograms</b>	: Not applicable.
<b>Signal word</b>	: No signal word.
<b>Hazard statements</b>	: No known significant effects or critical hazards.
<b>Precautionary statements</b>	
<b>General</b>	: Read carefully and follow all instructions. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

## Section 2. Hazards identification

<b>Prevention</b>	: Not applicable.
<b>Response</b>	: Not applicable.
<b>Storage</b>	: Not applicable.
<b>Disposal</b>	: Not applicable.
<b>Hazards not otherwise classified</b>	: None known.
<b>Hazards identified when used</b>	: No known significant effects or critical hazards.

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

Ingredient name	% (w/w)	Identifiers
potassium chloride	90 - 100	CAS: 7447-40-7
sodium chloride	1 - 5	CAS: 7647-14-5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

<b>Eye contact</b>	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
<b>Inhalation</b>	: Remove person to fresh air and keep comfortable for breathing. If exposed person is not breathing, give artificial respiration or oxygen applied by trained personnel. Get medical attention if symptoms occur.
<b>Skin contact</b>	: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
<b>Ingestion</b>	: Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

<b>Eye contact</b>	: No known significant effects or critical hazards. May cause irritation due to mechanical action.
<b>Inhalation</b>	: No known significant effects or critical hazards.
<b>Skin contact</b>	: Inorganic salt. Prolonged or repeated exposure may dry the skin, causing irritation.
<b>Ingestion</b>	: No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

<b>Eye contact</b>	: Adverse symptoms may include the following: irritation watering redness
<b>Inhalation</b>	: No specific data.
<b>Skin contact</b>	: Adverse symptoms may include the following: dryness cracking
<b>Ingestion</b>	: No specific data.

## Section 4. First aid measures

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. Decontamination measures may be necessary. Personnel and equipment must be checked and decontaminated prior to leaving the area.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Non-flammable. Material will not burn. Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : No specific fire or explosion hazard.

**Hazardous thermal decomposition products** : None known.

**Special protective actions for fire-fighters** : No action shall be taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Contain and collect the water used to fight the fire for later treatment and disposal.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Remark** : Contain and collect the water used to fight the fire for later treatment and disposal.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused adverse impacts (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Put on appropriate personal protective equipment (see Section 8). Move containers from spill area. Recover the material and use it for the intended purpose.  
or  
Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

## Section 6. Accidental release measures

- Large spill** : Put on appropriate personal protective equipment (see Section 8). Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Use appropriate equipment to put the spilled substance in a container for reuse or disposal. Recycle to process, if possible.
- or
- Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing dust.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. May form steep piles that can collapse without warning when transported or stored in bulk. This may damage equipment and endanger workers. The risk of cliffing and sudden collapse increases if product is loaded or stored when hot or in high humidity conditions. Avoid forming steep slopes when removing product. If product has caked, cliffed, or has adhered to the storage or transport container, stay out of the potential engulfment zone in case the material collapses. Do not enter bins, railcars or trucks without conducting a risk assessment and following all confined space entry requirements. Ensure that consideration is given to fall protection and mobile equipment securement if applicable. Carefully loosen the set product from outside the container using mechanical vibration, sledge hammers, or other devices.

Ensure that bulk bags or smaller packaged products stored in tiers are stacked, racked, blocked, interlocked, or otherwise secured to prevent sliding, rolling, or collapse. Use caution when opening truck or railcar doors as product may have shifted during transport.

Must be stored in a dry location. Absorbs moisture on long-term storage under high humidity conditions. Store away from incompatible materials (see Section 10). When product is stored in sealable containers, keep container tightly closed and sealed until ready for use. Sealable containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
sodium chloride	<b>OSHA PEL (United States)</b> TWA 8 hours: 15 mg/m <sup>3</sup> (Particulates not otherwise regulated (PNOR)). Form: Total dust. TWA 8 hours: 5 mg/m <sup>3</sup> (Particulates not otherwise regulated (PNOR)). Form: Respirable fraction.

#### Biological exposure indices

No exposure indices known.

- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

## Section 8. Exposure controls/personal protection

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Contact your personal protective equipment supplier to verify the compatibility of the equipment for the intended purpose.**

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

<b>Physical state</b>	: Solid. [Crystalline solid.]
<b>Color</b>	: Off-white, pink or red.
<b>Odor</b>	: Odorless.
<b>Odor threshold</b>	: Not available.
<b>pH</b>	: 7 to 9 [Conc. (% w/w): 10%]
<b>Melting point/freezing point</b>	: 770°C (1418°F)
<b>Boiling point or initial boiling point and boiling range</b>	: 1420°C (2588°F)
<b>Flash point</b>	: Not applicable.
<b>Evaporation rate</b>	: Not available.
<b>Flammability</b>	: Non-flammable.
<b>Lower and upper explosion limit/flammability limit</b>	: Not applicable.
<b>Vapor pressure</b>	: Not available.
<b>Relative vapor density</b>	: Not applicable.
<b>Relative density</b>	: Not available.
<b>Density</b>	: 1.121 to 1.297 g/cm <sup>3</sup>

## Section 9. Physical and chemical properties

**Bulk density** : 70 to 81 lb/ft<sup>3</sup>

**Solubility(ies)** :

Media	Result
water	Soluble

**Solubility in water** : 347 to 355 g/l

**Partition coefficient: n-octanol/water** : <1

**Auto-ignition temperature** : Not applicable.

**Decomposition temperature** : Not available.

**Viscosity** : Not applicable.

### Particle characteristics

**Median particle size** : Not available.

## Section 10. Stability and reactivity

**Reactivity** : Not considered to be reactive.

**Chemical stability** : The product is stable.

**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** : Absorbs moisture on long-term storage under high humidity conditions. Store in a well-ventilated, dry place. Protect from moisture. May form steep piles that can collapse without warning when stored in bulk. Avoid forming steep slopes when removing product.

**Incompatible materials** : A mixture of salts. May be corrosive to metals. Contact your sales representative or a metallurgical specialist to ensure compatibility with your equipment.

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

##### **Product/ingredient name**

potassium chloride

sodium chloride

##### **Result**

**Rat - Oral - LD50** 2600 mg/kg

**Rat - Oral - LD50** 3000 mg/kg

**Conclusion/Summary [Product]** : May be harmful if swallowed.

#### Skin corrosion/irritation

##### **Product/ingredient name**

sodium chloride

##### **Result**

**Rabbit - Skin - Mild irritant**

**Conclusion/Summary [Product]** : No significant irritation expected other than possible mechanical irritation.

#### Serious eye damage/eye irritation

##### **Product/ingredient name**

potassium chloride

##### **Result**

**Rabbit - Eyes - Mild irritant**

## Section 11. Toxicological information

**Conclusion/Summary [Product]** : No significant irritation expected other than possible mechanical irritation.

### Respiratory corrosion/irritation

**Conclusion/Summary [Product]** : No significant irritation expected other than possible mechanical irritation.

### Respiratory or skin sensitization

#### Skin

**Conclusion/Summary [Product]** : No known significant effects or critical hazards.

#### Respiratory

**Conclusion/Summary [Product]** : No known significant effects or critical hazards.

### Germ cell mutagenicity

#### **Product/ingredient name**

potassium chloride

#### **Result**

**In vivo - Mammalian-Animal - Somatic** 310 mg/kg [10 days]  
Result: Negative

**Conclusion/Summary [Product]** : No known significant effects or critical hazards.

### Carcinogenicity

#### **Product/ingredient name**

potassium chloride  
sodium chloride

#### **Result**

**Rat - Male - Oral - TDLo** 1820 mg/kg Result: Negative  
**Rat - Male - Oral - TDLo** OECD [Combined Chronic Toxicity/  
Carcinogenicity Studies] Result: Negative

**Conclusion/Summary [Product]** : No evidence of risk to humans. No known significant effects or critical hazards.

### Reproductive toxicity

**Conclusion/Summary [Product]** : No known significant effects or critical hazards.

### Specific target organ toxicity (single exposure)

Based on available data, the classification criteria are not met.

### Specific target organ toxicity (repeated exposure)

Based on available data, the classification criteria are not met.

### Aspiration hazard

Based on available data, the classification criteria are not met.

### Information on the likely routes of exposure

Dermal contact. Eye contact. Inhalation. Ingestion.

### Potential acute health effects

## Section 11. Toxicological information

- Eye contact** : No known significant effects or critical hazards. May cause irritation due to mechanical action.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Inorganic salt. Prolonged or repeated exposure may dry the skin, causing irritation.
- Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:  
irritation  
watering  
redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:  
dryness  
cracking
- Ingestion** : No specific data.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

- Potential immediate effects** : See above.
- Potential delayed effects** : See below.

#### Long term exposure

- Potential immediate effects** : See above.
- Potential delayed effects** : See below.

### Potential chronic health effects

#### Product/ingredient name

potassium chloride  
sodium chloride

#### Result

**Chronic - Rat - Male - Oral - NOAEL** 1820 mg/kg  
**Chronic - Rat - Male - Oral - LOEL** OECD [Combined Chronic Toxicity/Carcinogenicity Studies] 2533 mg/kg [2 years]

**Conclusion/Summary [Product]** : Not considered to be toxic to humans.

- General** : No known significant effects or critical hazards.
- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Reproductive toxicity** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
potassium chloride	2600	N/A	N/A	N/A	N/A
sodium chloride	3000	N/A	N/A	N/A	N/A

### Other information

Not available.

## Section 12. Ecological information

### Toxicity

#### **Product/ingredient name**

potassium chloride

#### **Result**

**Acute - LC50 - Fresh water** Crustaceans - Water flea - *Pseudosida ramosa* - Neonate 9.68 mg/l [48 hours]

**Acute - EC50 - Fresh water** ISO Algae - Green algae - *Desmodesmus subspicatus* 9.24 g/l [72 hours]

**Acute - LC50 - Fresh water** Fish - Zebra danio - *Danio rerio* 509.65 mg/l [96 hours]

sodium chloride

**Acute - LC50 - Fresh water** Fish - Striped bass - *Morone saxatilis* - Larvae 1000 mg/l [96 hours]

**Chronic - NOEC - Fresh water** Daphnia - Water flea - *Daphnia pulex* 0.314 g/l [21 days]

**Chronic - NOEC - Fresh water** Fish - Eastern mosquitofish - *Gambusia holbrooki* - Adult 100 mg/l [8 weeks]

**Chronic - NOEC - Fresh water** OECD Aquatic plants - Duckweed - *Lemna minor* 6 g/l [96 hours]

**Acute - EC50 - Fresh water** OECD Daphnia - Water flea - *Daphnia magna* - Neonate 4.96 µg/l [48 hours]

**Acute - EC50 - Fresh water** Algae - Green algae - *Selenastrum capricornutum* 28.85 mg/dm<sup>3</sup> [72 hours]

#### **Conclusion/Summary [Product]**

: Practically non-toxic to aquatic organisms. May be harmful to the environment if released in large quantities.

### Persistence and degradability

Not available.

### Bioaccumulative potential

Not available.

### Mobility in soil

**Soil/Water partition coefficient** : Not available.

### Other adverse effects

No known significant effects or critical hazards.

## Section 13. Disposal considerations

### **Disposal methods**

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	DOT Classification	TDG Classification	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-
Transport hazard class(es)	-	-	-	-
Packing group	-	-	-	-
Environmental hazards	No.	No.	No.	No.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

## Section 15. Regulatory information

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### Inventory list

- Australia** : All components are listed or exempted.
- Canada** : All components are listed or exempted.
- China** : All components are listed or exempted.
- Eurasian Economic Union** : **Russian Federation inventory:** All components are listed or exempted.
- Japan** : **Japan inventory (CSCL):** Not determined.  
**Japan inventory (ISHL):** Not determined.
- New Zealand** : All components are listed or exempted.
- Philippines** : All components are listed or exempted.
- Republic of Korea** : All components are listed or exempted.
- Taiwan** : All components are listed or exempted.
- Thailand** : All components are listed or exempted.
- Turkey** : Not determined.
- United States** : All components are active or exempted.
- Viet Nam** : All components are listed or exempted.

### U.S. Federal regulations

**TSCA 8(a) CDR Exempt/Partial exemption:** Not determined

## Section 15. Regulatory information

<b>Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)</b>	: Listed
<b>Clean Air Act Section 602 Class I Substances</b>	: Not listed
<b>Clean Air Act Section 602 Class II Substances</b>	: Not listed
<b>DEA List I Chemicals (Precursor Chemicals)</b>	: Not listed
<b>DEA List II Chemicals (Essential Chemicals)</b>	: Not listed
<b>SARA 304 RQ</b>	: Not applicable.
<b>SARA 311/312 Classification</b>	: Not applicable.

### State regulations

<b>Massachusetts</b>	: None of the components are listed.
<b>New York</b>	: None of the components are listed.
<b>New Jersey</b>	: None of the components are listed.
<b>Pennsylvania</b>	: None of the components are listed.
<b>California Prop. 65</b>	

**⚠ WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Section 16. Other information

### History

<b>Date of issue/Date of revision</b>	: 11/27/2025
<b>Date of previous issue</b>	: No previous validation
<b>Version</b>	: 1

### Key to abbreviations

: ATE = Acute Toxicity Estimate
: BCF = Bioconcentration Factor
: GHS = Globally Harmonized System of Classification and Labelling of Chemicals
: IATA = International Air Transport Association
: IBC = Intermediate Bulk Container
: IMDG = International Maritime Dangerous Goods
: LogPow = logarithm of the octanol/water partition coefficient
: MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
: N/A = Not available
: SGG = Segregation Group
: UN = United Nations

### Procedure used to derive the classification

Not classified.

📌 Indicates information that has changed from previously issued version.

### Notice to reader

Supply chain partners must ensure they pass this SDS, and all other relevant safety information to their customers.

### DISCLAIMER AND LIMITATION OF LIABILITY

The information and recommendations contained in this Safety Data Sheet ("SDS") relate only to the specific material referred to herein (the "Material") and do not relate to the use of such Material in combination with any other material or process. The information and recommendations contained herein are believed to be current and

## Section 16. Other information

correct as of the date of this SDS. HOWEVER, THE INFORMATION AND RECOMMENDATIONS ARE PRESENTED WITHOUT WARRANTY, REPRESENTATION OR LICENSE OF ANY KIND, EXPRESS OR IMPLIED, WITH RESPECT TO THEIR ACCURACY, CORRECTNESS OR COMPLETENESS, AND THE SELLER, SUPPLIER AND MANUFACTURER OF THE MATERIAL AND THEIR RESPECTIVE AFFILIATES (COLLECTIVELY, THE "SUPPLIER") DISCLAIM ALL LIABILITY FOR RELIANCE ON SUCH INFORMATION AND RECOMMENDATIONS. This SDS is not a guarantee of safety. A buyer or user of the Material (a "Recipient") is responsible for ensuring that it has all current information necessary to safely use the Material for its specific purpose.

FURTHERMORE, THE RECIPIENT ASSUMES ALL RISK IN CONNECTION WITH THE USE OF THE MATERIAL. THE RECIPIENT ASSUMES ALL RESPONSIBILITY FOR ENSURING THE MATERIAL IS USED IN A SAFE MANNER IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL, HEALTH, SAFETY AND SECURITY LAWS, POLICIES AND GUIDELINES. THE SUPPLIER DOES NOT WARRANT THE MERCHANTABILITY OF THE MATERIAL OR THE FITNESS OF THE MATERIAL FOR ANY PARTICULAR USE AND ASSUMES NO RESPONSIBILITY FOR INJURY OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY OR RELATED TO THE USE OF THE MATERIAL.