

Safety Data Sheet

29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: Seedlinger Plant Fertelixer 3.0 - 0.6 - 0.6

Product Use: This product is an advanced turf product designed to regulate soil moisture and nitrogen while feeding soil biology.

Company: Messina, Inc
55 Willow St
800 W. Lake Ave.
Washington, NJ 07882
PH: 908-320-7009

Emergency Response: 800-658-2481

Section 2: Hazards Identification

GHS05

GHS06

GHS07

BLAZN

Hazard Pictograms:



Signal Word: Danger

Hazard Category: Acute tox, oral Cat 4
Acute tox, dermal Cat 5
Skin corrosion/irritation Cat 1
Acute tox, inh. Cat 1/2
Serious eye damage/eye irritation Cat 2
Specific target organ tox, single exp. Cat 3 (resp irrit)

Hazard Statements: H302: Harmful if swallowed
H313: May be harmful in contact with skin
H314: Causes severe skin burns and eye damage
H330: Fatal if inhaled
H319: Causes serious eye irritation
H335: May cause respiratory irritation

Precautionary Statements: P202: Do not handle until all safety precautions have been read and understood
P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
P220: Keep/Store away from clothing/combustible materials
P221: Take any precaution to avoid mixing with combustibles
P260: Do not breathe dust/fume/gas/mist/vapours/spray
P261: Avoid breathing dust/fume/gas/mist/vapours/spray
P264: Wash thoroughly after handling
P270: Do not eat, drink or smoke when using this product
P271: Use only outdoors or in a well-ventilated area
P280: Wear protective gloves/protective clothing/eye protection/face protection
P284: Wear respiratory protection
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352: IF ON SKIN: Wash with plenty of soap and water
P304+P340: IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338+310 - If in eyes: Rinse cautiously with water for several minutes. Remove any contact lenses if present and easy to do, continue rinsing with plenty of water for 15 minutes. Immediately call a physician.

P310: Immediately call a POISON CENTER or doctor/physician

P312: Call a POISON CENTER or doctor/physician if you feel unwell

P330: Rinse mouth

P405: Store locked up

P332+P313: If skin irritation occurs: Get medical advice/attention

P337: If eye irritation persists: Get medical advice/attention

P362: Take off contaminated clothing and wash before reuse

P403+P233: Store in a well ventilated place. Keep container tightly closed.

P501: Dispose of contents/container in accordance with local/national/international rules.

Hazards not otherwise classified:

Not applicable, none known.

Section 3: Composition / Information on Ingredients

Hazardous substance (name)	Hazard Category	CAS#	Weight %
Calcium Nitrate	Acute tox, oral 4, H302 Skin Irrit 3, H316 Eye Irrit. 2A, H319	10124-37-5	45-55%
Protein Hydrolysate	Not classified for physical or health hazards according to GHS.	9015-54-7	3-5%
Phosphoric Acid	Acute tox, oral 4, H302 Acute tox, dermal 5, H313 Skin Corr./Irrit. 1, H314 Acute Tox Inh. 1/2, H330	7664-38-2	2-4%
Potassium Nitrate	Ox. Liq 2, H272 Skin Irrit. 2, H315 Eye Irrit. 2A, H 319 STOT SE 3, H335	7757-79-1	2%
Molasses:	Not classified for physical or health hazards according to GHS.	68476-78-8	30-40%
Water	No phrases apply. No data available.	7732-18-5	10-15%

Section 4: First Aid Measures

If ingested: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

If inhaled: Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

Eye contact: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Skin contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.

Protection of First-Aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Notes to Physician: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Section 5: Fire Fighting Measures

General Info: May be combustible at high temperature.

Products of Combustion: These products are nitrogen oxides metal oxide/oxides.

Combustion:

Extinguishing Method / Equipment: Use extinguishing media suitable for the surrounding fire. Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Special Remarks on Fire Hazards: Reacts with metals to liberate flammable hydrogen gas. Formation of flammable gases with aldehydes, cyanides, mercaptans, and sulfides.

Special Remarks on Explosion Hazards: Mixtures with nitromethane are explosive. (Phosphoric Acid)

Explosion Hazards:

Section 6: Accidental Release Measures

Personal precautions, protective equipment and procedures: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).

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 environmental pollution (sewers, waterways, soil or air).

Methods for Cleanup: Large Spills: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 12). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 12 for waste disposal.

Cleanup: Small Spills: Stop leak if without risk. Material free from contamination can be used for its original purpose. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Small Spills: Stop leak if without risk. Material free from contamination can be used for its original purpose. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Section 7: Handling and Storage

Safe Handling Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray or mists.

Precautions: Keep away from incompatibles such as oxidizing agents, combustible materials, metals, alkalis. May corrode metallic surfaces.

Recommendations Keep container tightly closed. Keep container in a cool, well-ventilated area. Store in original

for Storage: packaging as approved by manufacturer. Keep away from heat and direct sunlight. Avoid microbiological contamination.

Section 8: Exposure Control / Personal Protection

General / Engineering Controls: Use only with adequate ventilation. If user operations generate fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

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. Ensure eyewash facilities are located close to the working environment.

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 or mists. Recommended: splash goggles.

Skin Protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved.

Respiratory Protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hands: 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. >8 hours (breakthrough time): butyl rubber, natural rubber (latex), nitrile rubber.

Personal Protection Equipment: Splash goggles. Gloves.

Section 9: Physical and Chemical Properties

State: Liquid	Melting Point: Not avail	Freezing Point: Not avail
Color: Black/Brown	Boiling Point/Range: Unknown	pH ~4.0
Sp Grav: Not avail	Odor: Molasses	Water Solubility: 100%
Evaporation rate: Not avail	Flash Point: Not avail	Part. Coeff (n-octanol/water): Not avail
Upper Flam Limits: Not avail	Lower Flam Limits: Not avail	Vapor Pressure: Not avail
VOC Content (lbs/gal): Not avail	Viscosity: Not avail	Autoignition Temp: Not avail

Section 10: Stability and Reactivity

Stability (Normal Conditions): Stable under recommended storage and handling conditions (see section 7).

Microbiological Stability: Stable unless diluted with >5% water when yeast, mold and some harmless bacterial (e.g. Lactobacillus spp.) growth may occur in warm temperatures. Pathogens will not grow in undiluted product due to its high osmotic pressure and low water activity.

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

Incompatibility with Various Substances: Reactive or incompatible with the following materials: Dimethyl formamide, combustible materials, acids, oxidizing agents and alkalis.

Corrosivity: Extremely corrosive in presence of copper, of stainless steel(304), of stainless steel(316). Highly corrosive in presence of aluminum. Minor corrosive effect on bronze. Severe corrosive effect on brass. Corrosive to ferrous metals and alloys. Non-corrosive in presence of glass.

Hazardous Decomposition products: Burning can produce CO₂ and water, N compounds. Oxides of nitrogen and toxic metal fumes may form when heated to decomposition.

Polymerization: Under normal conditions of storage and use, hazardous polymerization will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.

Potential Acute Health Effects: Ingestion: May be harmful if swallowed. Causes irritation and burns of the gastrointestinal (digestive) tract. Causes severe pain, nausea, vomiting, diarrhea hematemesis, gastrointestinal hemorrhaging, and shock. May cause corrosion and permanent tissue destruction of the esophagus and digestive tract. May affect behavior and urinary system, liver (hepatocellular damage, hepatic enzymes increased), blood (blood dyscrasia).

Eye Contact: Corrosive. Liquid or vapor causes severe eye irritation and can cause severe eye burns leading to permanent corneal damage or chemical conjunctivitis.

Skin Contact: Corrosive and causes severe skin irritation and can cause severe skin burns. May affect behavior (somnolence or excitement) if absorbed through skin.

Inhalation: Extremely hazardous in case of inhalation (lung corrosive).

Chronic Potential Health Effects: May cause damage to the following organs: blood, liver, skin, eyes, bone marrow.

Ingestion and Inhalation: Repeated or prolonged exposure to small amounts may affect the blood, respiration and kidneys and produce anemia, Methenoglobinemia with attendant cyanosis and anoxia, hyperpnoea and later dyspnea, and nephritis.

Section 12: Ecological Information

Environmental Effects: No known significant effects or critical hazards.

Aquatic Ecotoxicity: Due to its high BOD, accidental discharge of large quantities into rivers or lakes will cause temporary algal growth ('bloom') and dissolved oxygen reduction with possible deleterious effects on fish.

Biodegradability: Most inorganic compounds are not biodegradable. The product does not show any bioaccumulation phenomena.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Section 13: Disposal Information

Waste Disposal The generation of waste should be avoided or minimized wherever possible. Empty containers or **Procedures:** liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. 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. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Consult your local or regional authorities.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

Section 14: Transport Information

Shipping Name: Seedlinger Plant Fertelixir 3.0 - 0.6 - 0.6

Section 15: Regulatory Information

Section 16: Other Information

SDS Author: Messinas, Inc

Version Date: 8/20/2015

Disclaimer: This information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. No representations, warranty or guarantee is made as to its accuracy, reliability or completeness. No warranty of fitness for any particular purpose or any other warranty, express or implied is made concerning the information herein provided.

Signal Word	GHSHAZCAT
Not Applicable	Non-classified
Warning	Explosives (unstable)
Danger	Explosives Div 1.1 (mass explosion hazard)
	Explosives Div 1.2 (severe projection hazard)
	Explosives Div 1.3 (fire, blast, or projection hazard)
	Explosives Div 1.4 (fire or projection hazard)
	Explosives Div 1.5 (may mass explode hazard)
	Flammable Gases Cat 1
	Flammable Gases Cat 2
	Aerosols Cat 1
	Aerosols Cat 2
	Flammable Liq Cat 1
	Flammable Liq Cat 2
	Flammable Liq Cat 3
	Flammable Liq Cat 4
	Flammable Solid
	Aerosols (press container)
	Flammable gases (chemically unstable Cat A)
	Flammable gases (chemically unstable Cat B)
	Self reactive substances and mixtures (Type A)
	Self reactive substances and mixtures (Type B)
	Self reactive substances and mixtures (Type C, D)
	Pyrophoric Liq Cat 1
	Self heating substances and mixtures Cat 1
	Self heating substances and mixtures Cat 2
	Substances and mixtures which, in contact with water, emit flammable gases Cat 1
	Substances and mixtures which, in contact with water, emit flammable gases Cat 2
	Oxidizing gases Cat 1
	Oxidizer Cat 1
	Oxidizer Cat 2
	Gases under pressure (explosion if heated)
	Gases under pressure (refrigerated gas, cryogenic hazard)
	Corrosive to metals Cat 1
	Acute tox, oral Cat 1/2
	Acute tox, oral Cat 3
	Acute tox, oral Cat 4
	Acute tox, oral Cat 5
	Aspiration hazard Cat 1
	Aspiration hazard Cat 2
	Acute tox, dermal Cat 1/2
	Acute tox, dermal Cat 3
	Acute tox, dermal Cat 4
	Acute tox, dermal Cat 5
	Skin corrosion/irritation Cat 1
	Skin corrosion/irritation Cat 2
	Skin corrosion/irritation Cat 3

Sensitization, skin Cat 1
Serious eye damage/eye irritation Cat 1
Serious eye damage/eye irritation Cat 2
Serious eye damage/eye irritation Cat 3
Acute tox, inh. Cat 1/2
Acute tox, inh. Cat 3
Acute tox, inh. Cat 4
Acute tox, inh. Cat 5
Sensitization, resp. Cat 1
Specific target organ tox, single exp. Cat 3 (resp irrit)
Specific target organ tox, single exp. Cat 3 (narcotic effects)
Germ cell mutagenicity Cat 1
Germ cell mutagenicity Cat 2
Carcinogenicity Cat 1
Carcinogenicity Cat 2
Reproductive tox Cat 1
Reproductive tox Cat 2
Reproductive tox Cat 2
Reproductive tox (breastfeeding)
Specific target organ tox, single exp. Cat 1
Specific target organ tox, single exp. Cat 2
Specific target organ tox, repeat exp. Cat 1
Specific target organ tox, repeat exp. Cat 2
Hazard to aquatic environment, acute Cat 1
Hazard to aquatic environment, acute Cat 2
Hazard to aquatic environment, acute Cat 3
Hazard to aquatic environment, chronic Cat 1
Hazard to aquatic environment, chronic Cat 2
Hazard to aquatic environment, chronic Cat 3
Hazard to aquatic environment, chronic Cat 4
Hazardous to ozone layer, Cat 1

Hazard Statements

Not Applicable

- H200: Unstable explosive
- H201: Explosive; mass explosion hazard
- H202: Explosive; severe projection hazard
- H203: Explosive; fire, blast or projection hazard
- H204: Fire or projection hazard
- H205: May mass explode in fire
- H220: Extremely flammable gas
- H221: Flammable gas
- H222: Extremely flammable aerosol
- H223: Flammable aerosol
- H224: Extremely flammable liquid and vapour
- H225: Highly flammable liquid and vapour
- H226: Flammable liquid and vapour
- H227: Combustible liquid
- H228: Flammable solid
- H229: Pressurized container: may burst if heated
- H230: May react explosively even in the absence of air
- H231: May react explosively even in the absence of air at elevated pressure and/or temperature
- H240: Heating may cause an explosion
- H241: Heating may cause a fire or explosion
- H242: Heating may cause a fire
- H250: Catches fire spontaneously if exposed to air
- H251: Self-heating; may catch fire
- H252: Self-heating in large quantities; may catch fire
- H260: In contact with water releases flammable gases which may ignite spontaneously
- H261: In contact with water releases flammable gas
- H270: May cause or intensify fire; oxidizer
- H271: May cause fire or explosion; strong oxidizer
- H272: May intensify fire; oxidizer
- H280: Contains gas under pressure; may explode if heated
- H281: Contains refrigerated gas; may cause cryogenic burns or injury
- H290: May be corrosive to metals
- H300: Fatal if swallowed
- H301: Toxic if swallowed
- H302: Harmful if swallowed
- H303: May be harmful if swallowed
- H304: May be fatal if swallowed and enters airways
- H305: May be harmful if swallowed and enters airways
- H310: Fatal in contact with skin
- H311: Toxic in contact with skin
- H312: Harmful in contact with skin
- H313: May be harmful in contact with skin
- H314: Causes severe skin burns and eye damage
- H315: Causes skin irritation
- H316: Causes mild skin irritation

H317: May cause an allergic skin reaction
H318: Causes serious eye damage
H319: Causes serious eye irritation
H320: Causes eye irritation
H330: Fatal if inhaled
H331: Toxic if inhaled
H332: Harmful if inhaled
H333: May be harmful if inhaled
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335: May cause respiratory irritation
H336: May cause drowsiness or dizziness
H340: May cause genetic defects
H341: Suspected of causing genetic defects
H350: May cause cancer
H351: Suspected of causing cancer
H360: May damage fertility or the unborn child
H361: Suspected of damaging fertility or the unborn child
H361d: Suspected of damaging the unborn child
H362: May cause harm to breast-fed children
H370: Causes damage to organs
H371: May cause damage to organs
H372: Causes damage to organs through prolonged or repeated exposure
H373: May cause damage to organs through prolonged or repeated exposure
H400: Very toxic to aquatic life
H401: Toxic to aquatic life
H402: Harmful to aquatic life
H410: Very toxic to aquatic life with long lasting effects
H411: Toxic to aquatic life with long lasting effects
H412: Harmful to aquatic life with long lasting effects
H413: May cause long lasting harmful effects to aquatic life
H420: Harms public health and the environment by destroying ozone in the upper atmosphere

Precautionary Statements

Not Applicable

- P101: If medical advice is needed, have product container or label at hand
- P102: Keep out of reach of children
- P103: Read label before use
- P201: Obtain special instructions before use
- P202: Do not handle until all safety precautions have been read and understood
- P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
- P211: Do not spray on an open flame or other ignition source
- P220: Keep/Store away from clothing/.../combustible materials
- P221: Take any precaution to avoid mixing with combustibles
- P222: Do not allow contact with air
- P223: Keep away from any possible contact with water, because of violent reaction and possible flash fire
- P230: Keep wetted with ...
- P231: Handle under inert gas
- P232: Protect from moisture
- P233: Keep container tightly closed
- P234: Keep only in original container
- P235: Keep cool
- P240: Ground/bond container and receiving equipment
- P241: Use explosion-proof electrical/ventilating/light/.../equipment
- P242: Use only non-sparking tools
- P243: Take precautionary measures against static discharge
- P244: Keep reduction valves free from grease and oil
- P250: Do not subject to grinding/shock/.../friction
- P251: Pressurized container – Do not pierce or burn, even after use
- P260: Do not breathe dust/fume/gas/mist/vapours/spray
- P261: Avoid breathing dust/fume/gas/mist/vapours/spray
- P262: Do not get in eyes, on skin, or on clothing
- P263: Avoid contact during pregnancy/while nursing
- P264: Wash thoroughly after handling
- P270: Do not eat, drink or smoke when using this product
- P271: Use only outdoors or in a well-ventilated area
- P272: Contaminated work clothing should not be allowed out of the workplace
- P273: Avoid release to the environment
- P280: Wear protective gloves/protective clothing/eye protection/face protection
- P281: Use personal protective equipment as required
- P282: Wear cold insulating gloves/face shield/eye protection
- P283: Wear fire/flame resistant/retardant clothing
- P284: Wear respiratory protection
- P285: In case of inadequate ventilation wear respiratory protection
- P231+232: Handle under inert gas. Protect from moisture
- P235+410: Keep cool. Protect from sunlight
- P301: IF SWALLOWED:
- P302: IF ON SKIN:
- P303: IF ON SKIN (or hair):
- P304: IF INHALED:

P305: IF IN EYES:
P306: IF ON CLOTHING:
P307: IF exposed:
P308: IF exposed or concerned:
P309: IF exposed or you feel unwell:
P310: Immediately call a POISON CENTER or doctor/physician
P311: Call a POISON CENTER or doctor/physician
P312: Call a POISON CENTER or doctor/physician if you feel unwell
P313: Get medical advice/attention
P314: Get Medical advice/attention if you feel unwell
P315: Get immediate medical advice/attention
P320: Specific treatment is urgent (see ... on this label)
P321: Specific treatment (see ... on this label)
P322: Specific measures (see ... on this label)
P330: Rinse mouth
P331: Do NOT induce vomiting
P332: If skin irritation occurs:
P333: If skin irritation or a rash occurs:
P334: Immerse in cool water/wrap in wet bandages
P335: Brush off loose particles from skin
P336: Thaw frosted parts with lukewarm water. Do not rub affected areas
P337: If eye irritation persists:
P338: Remove contact lenses if present and easy to do. continue rinsing
P340: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P341: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
P342: If experiencing respiratory symptoms:
P350: Gently wash with plenty of soap and water
P351: Rinse cautiously with water for several minutes
P352: Wash with soap and water
P353: Rinse skin with water/shower
P360: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes
P361: Remove/Take off immediately all contaminated clothing
P362: Take off contaminated clothing and wash before reuse
P363: Wash contaminated clothing before reuse
P370: In case of fire:
P371: In case of major fire and large quantities:
P372: Explosion risk in case of fire
P373: DO NOT fight fire when fire reaches explosives
P374: Fight fire with normal precautions from a reasonable distance
P375: Fight fire remotely due to the risk of explosion
P376: Stop leak if safe to do so
P377: Leaking gas fire – do not extinguish unless leak can be stopped safely
P378: Use ... for extinction (*to manually edit*)
P380: Evacuate area
P381: Eliminate all ignition sources if safe to do so
P391: Collect spillage
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P302+334: IF ON SKIN: Immerse in cool water/wrap in wet bandages
P302+350: IF ON SKIN: Gently wash with plenty of soap and water
P302+352: IF ON SKIN: Wash with soap and water
P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+312: IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P304+341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P306+360: IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes
P307+311: IF exposed: Call a POISON CENTER or doctor/physician
P308+313: IF exposed or concerned: Get medical advice/attention
P309+311: IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician
P332+313: If skin irritation occurs: Get medical advice/attention
P333+313: If skin irritation or a rash occurs: Get medical advice/attention
P335+334: Brush off loose particles from skin. Immerse in cool water/wrap in wet bandages
P337+313: If eye irritation persists get medical advice/attention
P342+311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician
P370+376: In case of fire: Stop leak if safe to do so
P370+378: In case of fire: Use ... for extinction
P370+380: In case of fire: Evacuate area
P370+380+375: In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion
P371+380+375: In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion
P401: Store ... (*to manually edit*)
P402: Store in a dry place
P403: Store in a well ventilated place
P404: Store in a closed container
P405: Store locked up
P406: Store in a corrosive resistant/... container with a resistant inner liner
P407: Maintain air gap between stacks/pallets
P410: Protect from sunlight
P411: Store at temperatures not exceeding ... °C/... °F (*to manually edit*)
P412: Do not expose to temperatures exceeding 50 °C/122 °F
P413: Store bulk masses greater than ... kg/... lbs at temperatures not exceeding ... °C/... °F (*to manually edit*)
P420: Store away from other materials
P422: Store contents under ... (*to manually edit*)
P402+404: Store in a dry place. Store in a closed container
P403+233: Store in a well ventilated place. Keep container tightly closed
P403+235: Store in a well ventilated place. Keep cool
P410+403: Protect from sunlight. Store in a well ventilated place
P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
P411+235: Store at temperatures not exceeding ... °C/... °F. Keep cool (*to manually edit*)
P501: Dispose of contents/container in accordance with local/regional/national/international rules.

Pictogram Description

BLANK



GHS01



GHS02



GHS03



GHS04



GHS05



GHS06



GHS07



GHS08



GHS09