

# Moldy Locks and the Three Scares Safety Data Sheet C-208X according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 03/01/2017

SECTION 1: Identification	
1.1. Identification	
Product form	: Mixture
Trade name	: Moldy Locks and the Three Scares
Product code	: C-208X
1.2. Relevant identified uses of the subst	ance or mixture and uses advised against
Use of the substance/mixture	: Mold and Mildew Remover
1.3. Details of the supplier of the safety d	lata sheet
CK Industrial	
21 Swan Drive Rexford, NY 12148-1388 T 518-248-0798 - F 518-383-6809 <u>WWW.CHEMICALKNOWHOW.COM</u>	
1.4. Emergency telephone number	
Emergency number	: Chem Tel 800-255-3924
SECTION 2: Hazard(s) identification	
2.1. Classification of the substance or mi	xture
GHS-US classification	
Skin corrosion/irritation, Category 2	Causes skin irritation
Serious eye damage/eye irritation, Category 1	Causes serious eve
	damage
2.2. Label elements	
GHS-US labelling	
Hazard pictograms (GHS-US)	
	GHS05
Signal word (GHS-US)	: Danger
Contains	<ul> <li>sodium hypochlorite, solutions, conc available chlorine &lt;5%</li> </ul>
Hazard statements (GHS-US)	: Causes skin irritation
	Causes serious eye damage
Precautionary statements (GHS-US)	: Wash hands, forearms and face thoroughly after handling Wear eye protection, protective gloves If on skin: Wash with plenty of water If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a doctor, a POISON CENTER Specific treatment (see FIRST AID SECTION. on this label) If skin irritation occurs: Get medical advice/attention Take off contaminated clothing and wash before reuse
2.3. Other hazards	
Other hazards not contributing to the classification	: None under normal conditions.
2.4. Unknown acute toxicity (GHS US)	
Not applicable	
<b>SECTION 3: Composition/information</b>	n on ingredients
3.1. Substance	
Not applicable	
3.2. Mixture	

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Name	Product identifier	%	GHS-US classification
sodium hypochlorite, solutions, conc available chlorine <5%	(CAS No) 7681-52-9	4 - 6	Skin Corr. 1B, H314 Aquatic Acute 1, H400

#### Full text of H-statements: see section 16

cocurs: Consult a doctor/medical service. Get medical advice/attention. Specific treatment in FIRST AD SECTION. on this label).         First-aid measures after eye contact       : Rinse cauliously with water for several minutes. Remove contact lenses, if present and east do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.         First-aid measures after ingestion       : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.         4.2.       Most important symptoms and effects, both acute and delayed         Symptoms/injuries after relation       : Coupling. May cause respiratory irritation.         Symptoms/injuries after relation       : Coupling. May cause respiratory irritation.         Symptoms/injuries after relation       : Coupling. May cause respiratory irritation.         Symptoms/injuries after relation       : Coupling. May cause respiratory irritation.         Symptoms/injuries after relation       : Coupling. May cause respiratory irritation.         Symptoms/injuries after relation       : Coupling. May cause respiratory irritation.         Symptoms/injuries after relation       : Coupling. May cause respiratory irritation.         Symptoms/injuries after relation       : Coupling. May cause respiratory irritation.         Symptoms/injuries after relation       : Coupling. May cause respiratory acute.         Statule exinguishing media       : Do not use a heavy water stream.         Statule exinguishing media       : Do cont one on exposur	Full text of H-statements: see section 16	
First-aid measures general       : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).         First-aid measures after inhalation       : Allow breathing of fesh air. Allow the victim to rest.         First-aid measures after skin contact       : Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin initia cocurs: Consult ad coctorinderial advice/attention. Specific treatment or FIRST AND SEC TION. on this labal).         First-aid measures after eye contact       : Rines cauliously with water for serveral minutes. Remove contact lenses, if present and east do. Continue rinsing. Immediately cail a POISON CENTER or doctor/physician.         42. Most important symptoms and effects, both acute and delayed       Symptoms/injuries after reye contact       : Causes skin intration.         Symptoms/injuries after skin contact       : Causes skin intration.       Symptoms/injuries after skin contact       : Causes skin intration.         Symptoms/injuries after skin contact       : Causes skin intration.       : Causes skin intration.         Symptoms/injuries after skin contact       : Doam. Dry powder. Carbon dioxide. Water spray. Sand.         Unsultable extinguishing media       : Eoam. Dry powder. Carbon dioxide. Water spray. Sand.         Unsultable extinguishing media       : Do not use a heavy water stream.         5.3. Advice for firefighter       : Decomposes on exposure to temperature rise: release of (highly) toxic gases/vapours (chorine). May be corrosive to metals.	SECTION 4: First aid measures	
advice (show the label where possible). Tiest-aid measures after inhalation : Allow breating of fresh air Allow the victim to rest. Tiest-aid measures after skin contact : Wash with plonty of soap and water. Wash contaminated clothing before reuse. If skin initia course: Constitu 4 codo/medical advice/attention. Specific treatment of FIRST ADD SECTION. on this label). Tiest-aid measures after eye contact : Rinse mouth. Do NOT induce voniting. Obtain emergency medical attention. Tiest-aid measures after ingestion : Rinse mouth. Do NOT induce voniting. Obtain emergency medical attention. Tiest-aid measures after ingestion : Coughing. May cause respiratory irritation. Symptoms/injuries after inhalation : Coughing. May cause respiratory irritation. Symptoms/injuries after skin contact : Causes shin irritation. Symptoms/injuries after eve contact : Couses serious eve damage. 1.1 Indication of any immediate medical attention and special treatment needed Treat symptoms/injuries after inhalation : Do not use a heavy water stream. 5.2 Special hazards arising from the substance or mixture Reactivity : Decomposes on exposure to temperature rise: release of (highly) toxic gases/vapours chemical fire. Prevent fire fighting water from entering environment. Section Mer fingfighters Treftighting instructions protective equipment and emergency procedures 1.1. For non-emergency prosponders Sit. Perconal precautions, protective equipment and emergency procedures 1.2. Everoal precautions : Equip cleanup crew with proper protection. Emergency procedures : Equip cleanup crew with	4.1. Description of first aid measures	
First-aid measures after skin contact       : Wash with pleny of soap and water. Wash contaminated oblining before reuse. If skin initial concurs: Consults a docion/medical service. Get medical advice/attention. Specific treatment rFIRST AID SECTION. on this label).         First-aid measures after eye contact       : Rinse cauliously with water for several minutes. Remove contact lenses, if present and eas do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.         First-aid measures after inhalation       : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.         52.       Most important symptoms and effects. both acute and delayed         Symptoms/injuries after skin contact       : Causes skin initiation.         Symptoms/injuries after skin contact       : Causes serious eye damage.         53.       Indication of any immediate medical attention and special treatment needed         Treat symptomatically.       EECTION 55 Firefighting measures         54.       Extinguishing media       : Foam. Dry powder. Carbon dioxide. Water spray. Sand.         Insultable extinguishing media       : Do not use a heavy water stream.         52.       Special hazards arising from the subtance or mixture         Reactivity       : Decomposes on exposure to temperature rise: release of (highly) toxic gases/vapours (chioring). May be corosive to metals.         53.       Advice for firefighters       : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical water wat	irst-aid measures general	
occurs: Consult a doctor/medical service. Get medical advice/attention. Specific treatment.         FIRST AID SECTION. on this label).         irist-aid measures after eye contact       : Rinse cauliously with water for several minutes. Remove contact lenses, if present and eas of a Continue trinsing. Immediately call a POISON CENTER or doctorphysician.         irist-aid measures after ingestion       : Rinse mouth. Do NOT induce vomting. Obtain emergency medical attention.         symptoms/injuries after eye contact       : Causes serious eye damage.         irist-aid measures after inglighting medical attention and special treatment needed       Treat symptoms/injuries after eye contact         ireat symptoms/injuries after eye contact       : Causes serious eye damage.         i.a.       Indication of any inmedical attention and special treatment needed         freat symptoms/injuries after eye contact       : Do not use a heavy water stream.         i.2.       Special hazards arising from the substance or mixture         subtable extinguishing media       : Do not use a heavy water stream.         i.2.       Special hazards arising from the substance or mixture         teactifying instructions       : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.         irrefighting instructions       : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from ente	First-aid measures after inhalation	: Allow breathing of fresh air. Allow the victim to rest.
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2. Most important symptoms and effects, both acute and delayed         Symptoms/injuries after inhalation       Coughing, May cause respiratory initiation.         Symptoms/injuries after inhalation       Causes skin irritation.         Symptoms/injuries after inhalation       Causes serious seye damage.         1.3. Indication of any immediate medical attention and special treatment needed         Teat symptomatically.         SECTION 5: Firefighting measures         1.4. Extinguishing media         Suitable extinguishing media         Suitable extinguishing media         Suitable extinguishing media         Suitable extinguishing media         Special hazards arising from the substance or mixture         Reactivity       Cocomposes on exposure to temperature rise: release of (highly) toxic gases/vapours (choirne). May be corrosive to metals.         13. Advice for firefighters       Erefighting metares         "trefighting instructions       : Use water spray or fog for cooling exposed containers. Exercise caution when fighling any chemical fire. Prevent fire-fighting water from entering environment.         SPCTION 6: Accidental release measures       So on enter fire area without proper protective equipment, including respiratory protection.         SPCTION 6: Accidental release measures       Evacuate unnecessary personnel.         1.1. For one-mergency personnel       : Equip cleanup crew with proper protection.	irst-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
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Treat symptomatically.         SECTION 5: Firefighting media         Suitable extinguishing media         Suitable extinguishing media         Suitable extinguishing media         Special hazards arising from the substance or mixture         Reactivity         De composes on exposure to temperature rise: release of (highly) toxic gases/vapours (chlorine). May be corrosive to metals.         3.       Advice for firefighters         irrefighting instructions       : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.         irretection during firefighting       : Do not use a heavy procedures         1.1.       For non-emergency personnel         imergency procedures       : Evacuate unnecessary personnel.         1.1.       For non-emergency responders         throtective equipment       : Equip cleanup crew with proper protection.         imergency procedures       : Ventilate area.         1.2.       Environmental precautions         threader on the during for containent and cleaning up         Methods and material for containent and cleaning up         the during up       : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Co spillage. Store away from other materials.         1.4.       Reference to other sections </td <td>ymptoms/injuries after eye contact</td> <td>: Causes serious eye damage.</td>	ymptoms/injuries after eye contact	: Causes serious eye damage.
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irefighting instructions       : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.         rotection during firefighting       : Do not enter fire area without proper protective equipment, including respiratory protection.         ECTION 6: Accidental release measures       .         1.       Personal precautions, protective equipment and emergency procedures         1.1.       For non-emergency personnel         mergency procedures       : Evacuate unnecessary personnel.         .1.2.       For emergency responders         rotective equipment       : Equip cleanup crew with proper protection.         mergency procedures       : Ventilate area.         .2.       Environmental precautions         revent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.         .3.       Methods and material for containment and cleaning up         ethods for cleaning up       : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Co spillage. Store away from other materials.         4.       Reference to other sections         ee Heading 8. Exposure controls and personal protection.         ECTION 7: Handling and storage         1.       Precautions for safe handling         recautions for safe handling       : Wash hands and other exposed area		
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SECTION 6: Accidental release measures         .1.       Personal precautions, protective equipment and emergency procedures         .1.1.       For non-emergency personnel         imergency procedures       :         .1.2.       For emergency responders         brotective equipment       :         imergency procedures       :         brotective equipment       :         Equip cleanup crew with proper protection.         imergency procedures       :         Ventilate area.         .2.       Environmental precautions         Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.         .3.       Methods and material for containment and cleaning up         Methods for cleaning up       :         Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Core spillage. Store away from other materials.         .4.       Reference to other sections         iee Heading 8. Exposure controls and personal protection.         SECTION 7: Handling and storage         .1.       Precautions for safe handling         threadure is for safe handling         thread to the sections	irefighting instructions	
A.1.       Personal precautions, protective equipment and emergency procedures         A.1.       For non-emergency personnel         Emergency procedures       : Evacuate unnecessary personnel.         A.1.       For emergency responders         Protective equipment       : Equip cleanup crew with proper protection.         Emergency procedures       : Ventilate area.         B.2.       Environmental precautions         Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.         B.3.       Methods and material for containment and cleaning up         Alethods for cleaning up       : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Core spillage. Store away from other materials.         B.4.       Reference to other sections         Bee Heading 8. Exposure controls and personal protection.         SECTION 7: Handling and storage         *1.       Precautions for safe handling         Precautions for safe handling         Precautions for safe handling	rotection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
6.1.1. For non-emergency personnel         Emergency procedures       : Evacuate unnecessary personnel.         6.1.2. For emergency responders         Protective equipment       : Equip cleanup crew with proper protection.         Emergency procedures       : Ventilate area.         6.2. Environmental precautions         Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.         6.3. Methods and material for containment and cleaning up         Methods for cleaning up       : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Conspillage. Store away from other materials.         6.4. Reference to other sections         See Heading 8. Exposure controls and personal protection.         SECTION 7: Handling and storage         7.1. Precautions for safe handling         Precautions for safe handling         Precautions for safe handling	ECTION 6: Accidental release mea	isures
Emergency procedures       : Evacuate unnecessary personnel.         Environmental precautions       : Ventilate area.         Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.       : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Conspillage. Store away from other materials.         Act.       Reference to other sections         See Heading 8. Exposure controls and personal protection.         Section 7: Handling and storage         1. Precautions for safe handling         Precautions for safe handling         : Wash hands and other exposed areas with mild soap and water before eating, drinking or	.1. Personal precautions, protective e	quipment and emergency procedures
6.1.2. For emergency responders         Protective equipment       : Equip cleanup crew with proper protection.         Emergency procedures       : Ventilate area.         6.2. Environmental precautions         Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.         6.3. Methods and material for containment and cleaning up         Methods for cleaning up       : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Conspillage. Store away from other materials.         6.4. Reference to other sections         See Heading 8. Exposure controls and personal protection.         SECTION 7: Handling and storage         7.1. Precautions for safe handling         Precautions for safe handling         Precautions for safe handling         Precautions for safe handling	5.1.1. For non-emergency personnel	
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Protective equipment       : Equip cleanup crew with proper protection.         Emergency procedures       : Ventilate area.         :2.       Environmental precautions         Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.         :3.       Methods and material for containment and cleaning up         Methods for cleaning up       : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Conspillage. Store away from other materials.         :4.       Reference to other sections         See Heading 8. Exposure controls and personal protection.         SECTION 7: Handling and storage         :1.       Precautions for safe handling         :2.       Wash hands and other exposed areas with mild soap and water before eating, drinking or	0 11	
Emergency procedures       : Ventilate area.         5.2. Environmental precautions         Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.         5.3. Methods and material for containment and cleaning up         Methods for cleaning up       : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Constitution of the sections         5.4. Reference to other sections         See Heading 8. Exposure controls and personal protection.         SECTION 7: Handling and storage         7.1. Precautions for safe handling         Precautions for safe handling         : Wash hands and other exposed areas with mild soap and water before eating, drinking or		
.2. Environmental precautions         Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.         .3. Methods and material for containment and cleaning up         Methods for cleaning up       : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Conspillage. Store away from other materials.         .4. Reference to other sections         See Heading 8. Exposure controls and personal protection.         SECTION 7: Handling and storage         .1. Precautions for safe handling         Precautions for safe handling         : Wash hands and other exposed areas with mild soap and water before eating, drinking or	• •	
Arevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.         .3.       Methods and material for containment and cleaning up         Nethods for cleaning up       : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Conspillage. Store away from other materials.         .4.       Reference to other sections         .ee Heading 8. Exposure controls and personal protection.         SECTION 7: Handling and storage         .1.       Precautions for safe handling         .f.       Wash hands and other exposed areas with mild soap and water before eating, drinking or	0.11	
.3. Methods and material for containment and cleaning up         Methods for cleaning up       : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Conspillage. Store away from other materials.         .4. Reference to other sections         See Heading 8. Exposure controls and personal protection.         SECTION 7: Handling and storage         .1. Precautions for safe handling         : Wash hands and other exposed areas with mild soap and water before eating, drinking or	•	
Itethods for cleaning up       : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Conspillage. Store away from other materials.         .4.       Reference to other sections         iee Heading 8. Exposure controls and personal protection.         SECTION 7: Handling and storage         .1.       Precautions for safe handling         recautions for safe handling         :       Wash hands and other exposed areas with mild soap and water before eating, drinking or	revent entry to sewers and public waters. Noti	ly authorities if liquid enters sewers or public waters.
spillage. Store away from other materials.  A. Reference to other sections Hee Heading 8. Exposure controls and personal protection.  ECTION 7: Handling and storage  A. Precautions for safe handling  recautions for safe handling  : Wash hands and other exposed areas with mild soap and water before eating, drinking or	.3. Methods and material for containm	ent and cleaning up
<ul> <li>ECTION 7: Handling and storage</li> <li>Precautions for safe handling</li> <li>Wash hands and other exposed areas with mild soap and water before eating, drinking or</li> </ul>	lethods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
ECTION 7: Handling and storage .1. Precautions for safe handling recautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or	.4. Reference to other sections	
Precautions for safe handling       : Wash hands and other exposed areas with mild soap and water before eating, drinking or	ee Heading 8. Exposure controls and persona	I protection.
Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or	ECTION 7: Handling and storage	
	.1. Precautions for safe handling	
smoking and when leaving work. Provide good ventilation in process area to prevent forma of vapour.	Precautions for safe handling	smoking and when leaving work. Provide good ventilation in process area to prevent formation

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Hygiene measures	: Wash Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work thoroughly after handling.	
7.2. Conditions for safe storage, including	g any incompatibilities	
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Direct sunlight., Heat sources. Keep container closed when not in use.	
Incompatible products	: Strong bases. Strong acids.	
Incompatible materials	: Sources of ignition. Direct sunlight.	

### SECTION 8: Exposure controls/personal protection

8	B.1.	Control	parameters

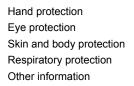
sodium hypochlorite, solutions, conc available chlorine <5% (7681-52-9)

Not applicable

### 8.2. Exposure controls

Personal protective equipment

: Safety glasses. Gloves.



## : Wear protective gloves.

- : Chemical goggles or safety glasses.
- : Wear suitable protective clothing.
- : Wear appropriate mask.
- : Do not eat, drink or smoke during use.

### SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties				
Physical state	: Liquid			
Colour	: Colourless to light yellow			
Odour	: characteristic chlorine-like			
Odour threshold	: No data available			
рН	: 11 - 13			
Melting point	: No data available			
Freezing point	: No data available			
Boiling point	: No data available			
Flash point	: No data available			
Relative evaporation rate (butylacetate=1)	: No data available			
Flammability (solid, gas)	: No data available			
Explosive limits	: No data available			
Explosive properties	: No data available			
Oxidising properties	: No data available			
Vapour pressure	: No data available			
Relative density	: No data available			
Relative vapour density at 20 °C	: No data available			
Solubility	: No data available			
Log Pow	: No data available			
Auto-ignition temperature	: No data available			
Decomposition temperature	: No data available			
Viscosity	: No data available			
Viscosity, kinematic	: No data available			
Viscosity, dynamic	: No data available			

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9.2. Other information				
No additional information available				
SECTION 10: Stability and reactivity				
10.1. Reactivity				
Decomposes on exposure to temperature rise: re	elease of (highly) toxic gases/vapours (chlorine). May be corrosive to metals.			
10.2. Chemical stability				
Stable under normal conditions.				
10.3. Possibility of hazardous reactions				
Not established.				
10.4. Conditions to avoid				
Direct sunlight. Extremely high or low temperatur	es.			
10.5. Incompatible materials				
Strong acids. Strong bases.				
10.6. Hazardous decomposition products				
	rrosive vapours. Carbon monoxide. Carbon dioxide.			
SECTION 11: Toxicological informat	ion			
11.1. Information on toxicological effects				
Acute toxicity	: Not classified			
Skin corrosion/irritation	: Causes skin irritation.			
	pH: 11 - 13			
Serious eye damage/irritation	: Causes serious eye damage.			
	pH: 11 - 13			
Respiratory or skin sensitisation	: Not classified			
Germ cell mutagenicity	: Not classified			
Carcinogenicity	: Not classified			
sodium hypochlorite, solutions, conc availa	ble chlorine <5% (7681-52-9)			
IARC group	3 - Not classifiable			
Reproductive toxicity	: Not classified			
Specific target organ toxicity (single exposure)	: Not classified			
Specific target organ toxicity (repeated	: Not classified			
exposure)				
Assistion borord	. Not clossified			
Aspiration hazard	: Not classified			
Potential adverse human health effects and	: Based on available data, the classification criteria are not met.			
symptoms	Courting May acres continuous initation			
Symptoms/injuries after inhalation	: Coughing. May cause respiratory irritation.			
Symptoms/injuries after skin contact	: Causes skin irritation. : Causes serious eye damage.			
Symptoms/injuries after eye contact	. vauses senious eye vanaye.			
<b>SECTION 12: Ecological information</b>				
12.1. Toxicity				
Ecology - general	The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.			

Not established.			
sodium hypochlorite, solutions, conc available chlorine <5% (7681-52-9)			
Persistence and degradability Biodegradability: not applicable. No (test)data on mobility of the components available. Not established.			

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sodium hypochlorite, solutions, conc availal	ble chlorine <5% (7681-52-9)
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
2.2 Pieceoumulative notantial	
2.3. Bioaccumulative potential Moldy Locks and the Three Scares	
Bioaccumulative potential	Not established.
sodium hypochlorite, solutions, conc availal	
Bioaccumulative potential	Not bioaccumulative. Not established.
2.4. Mobility in soil	
·	
sodium hypochlorite, solutions, conc availal Ecology - soil	May be harmful to plant growth, blooming and fruit formation.
	May be namina to plant growth, blooming and nut formation.
2.5. Other adverse effects	
Effect on the global warming	: No known ecological damage caused by this product.
	A void release to the environment
Other information	: Avoid release to the environment.
SECTION 13: Disposal consideration	IS
3.1. Waste treatment methods	
Vaste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
cology - waste materials	: Avoid release to the environment.
ECTION 14: Transport information	
Department of Transportation (DOT)	
n accordance with DOT	
ransport document description	: UN1791 Hypochlorite solutions, 8, II
JN-No.(DOT)	: UN1791
Proper Shipping Name (DOT) Class (DOT)	: Hypochlorite solutions : 8 - Class 8 - Corrosive material 49 CFR 173.136
Hazard labels (DOT)	: 8 - Corrosive
	LTD QTY - Limited quantity
Packing group (DOT)	: II - Medium Danger
OOT Packaging Exceptions (49 CFR 173.xxx)	: 154
OOT Quantity Limitations Passenger aircraft/rail 49 CFR 173.27)	: 1L
DOT Quantity Limitations Cargo aircraft only (49	: 30 L
CFR 175.75)	
DOT Vessel Stowage Location	: B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a
	passenger vessel carrying a number of passengers limited to not more than the larger of 25
	passengers, or one passenger per each 3 m of overall vessel length; and (II) "On deck only" of
	passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" or passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this
	passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded
-	<ul> <li>passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded</li> <li>26 - Stow "away from" acids</li> </ul>
mergency Response Guide (ERG) Number	<ul> <li>passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded</li> <li>26 - Stow "away from" acids</li> <li>154</li> </ul>
mergency Response Guide (ERG) Number	<ul> <li>passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded</li> <li>26 - Stow "away from" acids</li> </ul>
mergency Response Guide (ERG) Number	<ul> <li>passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded</li> <li>26 - Stow "away from" acids</li> <li>154</li> </ul>
DOT Vessel Stowage Other Emergency Response Guide (ERG) Number Other information TDG No additional information available	<ul> <li>passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded</li> <li>26 - Stow "away from" acids</li> <li>154</li> </ul>

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### Transport by sea

Packing group (IATA)

UN-No. (IMDG)	: 1791
Proper Shipping Name (IMDG)	: HYPOCHLORITE SOLUTION
Class (IMDG)	: 8 - Corrosive substances
Packing group (IMDG)	: II - substances presenting medium danger
Air transport	
Air transport UN-No. (IATA)	: 1791
	: 1791 : Hypochlorite solution

SECTION 15: Regulatory information		
15.1. US Federal regulations		
Moldy Locks and the Three Scares		
Listed on the United States TSCA (Toxic Substan Not subject to reporing requirements of the Unite		
CERCLA RQ	100 lb	

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

: II - Medium Danger

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

sodium hypochlorite, solutions, conc available chlorine <5% (7681-52-9)	
CERCLA RQ	100 lb

#### 15.2. International regulations

CANADA

No additional information available

**EU-Regulations** No additional information available

### **National regulations**

No additional information available

15.3. US State regulations	
Moldy Locks and the Three Scares	
State or local regulations	U.S New Jersey - Right to Know Hazardous Substance List U.S Pennsylvania - RTK (Right to Know) List

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

sodium hypochlorite, solutions, conc available chlorine <5% (7681-52-9)	
U.S New Jersey - Right to Know Hazardous Substance List U.S Pennsylvania - RTK (Right to Know) List	

### SECTION 16: Other information

Other information

: None.

Full text of H-statements:

H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H400	Very toxic to aquatic life

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NFPA health hazard	: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
NFPA fire hazard	: 0 - Materials that will not burn.
NFPA reactivity	: 1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.
HMIS III Rating	
Health	: 2 Moderate Hazard - Temporary or minor injury may occur
Flammability	: 0 Minimal Hazard - Materials that will not burn
Physical	: 1 Slight Hazard - Materials that are normally stable but can become unstable (self-react) at high temperatures and pressures. Materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors.
Personal Protection	: B
	B - Safety glasses, Gloves

### SDS US (GHS HazCom 2012)

No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, is made with respect to information concerning the product referred to in this document. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, it is impossible to foresee every health effect or exposure risk incurred by the use of this product. All chemicals present some degree of hazard and should be used with respect to information and recommendations contained herein are presented in good faith. The user should review this information is incomputed in conjunction with their knowledge of the application intended to determine the suitability of this product for such purpose. In no event will the supplier be responsible for any damages of any nature whatsoever, resulting from the use, reliance upon, or the misuse of this information. Furthermore, it is the direct responsibility of the user to comply with all applicable regulations governing the use and disposal of this material.