Willowood, LLC

# **SAFETY DATA SHEET**

Willowood Metola 8EC

## **Section 1. Identification**

GHS product identifier	: Willowood Metola 8EC
Chemical name	: Metolachlor
Product code	: Not available.
Other means of identification	: Not available.
EPA Registration Number	: 87290-81
EPA Signal Word Product type	: CAUTION : Liquid.

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

Identified uses	: Herbicide.
Supplier's details	: Willowood, LLC 385 Interlocken Cresent Suite 240, Broomfield, CO 80021 Tel: 877-679-9963 Operations@WillowoodUSA.com

Emergency telephone	: CHEMTREC, U.S.: 1-800-424-9300 International: +1-703-527-3887	
number (with hours of	24/7 Health Emergencies: Call 800-858-7378 (National Pesticide Information Center)	
operation)		

## Section 2. Hazards identification

OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	: SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 SKIN SENSITIZATION - Category 1 AQUATIC HAZARD (ACUTE) - Category 1 AQUATIC HAZARD (LONG-TERM) - Category 1
GHS label elements	
Hazard pictograms	
Signal word	: Danger
Hazard statements	<ul> <li>H318 - Causes serious eye damage.</li> <li>H317 - May cause an allergic skin reaction.</li> <li>H410 - Very toxic to aquatic life with long lasting effects.</li> </ul>
Precautionary statements	
Prevention	<ul> <li>P280 - Wear protective gloves. Wear eye or face protection.</li> <li>P273 - Avoid release to the environment.</li> <li>P261 - Avoid breathing vapor.</li> <li>P272 (OSHA) - Contaminated work clothing must not be allowed out of the workplace.</li> </ul>

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## Section 2. Hazards identification

Response	<ul> <li>P391 - Collect spillage.</li> <li>P302 + P352 + P363 - IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse.</li> <li>P333 + P313 - If skin irritation or rash occurs: Get medical attention.</li> <li>P305 + P351 + P338 + P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>Immediately call a POISON CENTER or physician.</li> </ul>
Storage	: Not applicable.
Disposal	: P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazards not otherwise classified	: None known.

## Section 3. Composition/information on ingredients

Substance/mixture	: Mixture
Chemical name	: Metolachlor
Other means of identification	: Not available.

Ingredient name	%	CAS number
Solvent Naphtha (Petroleum), Heavy Arom.	≥75 - ≤90 ≥5 - ≤10 ≥3 - ≤3.6	51218-45-2 64742-94-5 26264-06-2

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 as hazardous to health or the environment 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

Eye contact	: Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Chemical burns must be treated promptly by a physician.
Inhalation	: Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. 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.
Skin contact	: Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 20 minutes. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.



### Section 4. First aid measures

Ingestion

: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/		
Potential acute health effe	<u>cts</u>	
Eye contact	: Causes serious eye damage.	
Inhalation	: No known significant effects or critical hazards.	
Skin contact	: May cause an allergic skin reaction.	
Ingestion	: No known significant effects or critical hazards.	
<u>Over-exposure signs/sym</u>	<u>otoms</u>	
Eye contact	: Adverse symptoms may include the following: pain watering redness	
Inhalation	: No known significant effects or critical hazards.	
Skin contact	: Adverse symptoms may include the following: pain or irritation redness blistering may occur	
Ingestion	: Adverse symptoms may include the following: stomach pains	
Indication of immediate medical attention and special treatment needed, if necessary		
Notes to physician	<ul> <li>In case of inhalation of decomposition products in a fire, symptoms may be delayed.</li> <li>The exposed person may need to be kept under medical surveillance for 48 hours.</li> </ul>	
Specific treatments	: No specific treatment.	
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.	

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

Extinguishing media		
Suitable extinguishing media	:	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	:	None known.



### Section 5. Fire-fighting measures

Hazardous thermal decomposition products: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides sulfur oxides halogenated compounds metal oxide/oxidesSpecial protective actions for fire-fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.	•	
decomposition products       carbon dioxide carbon monoxide nitrogen oxides sulfur oxides halogenated compounds metal oxide/oxides         Special protective actions for fire-fighters       : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.	•	contaminated with this material must be contained and prevented from being discharged
for fire-fighters there is a fire. No action shall be taken involving any personal risk or without suitable training.		carbon dioxide carbon monoxide nitrogen oxides sulfur oxides halogenated compounds
<b>Special protective</b> : Fire-fighters should wear appropriate protective equipment and self-contained breathing		there is a fire. No action shall be taken involving any personal risk or without suitable
equipment for fire-fighters apparatus (SCBA) with a full face-piece operated in positive pressure mode.	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.

## 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. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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 environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.	
Methods and materials for co	ntainment and cleaning up	
Small spill	: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.	

Large spill : 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 13). 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 13 for waste disposal.



## Section 7. Handling and storage

#### Precautions for safe handling

Protective measures	<ul> <li>Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Avoid release to the environment. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.</li> </ul>
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. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

#### **Control parameters**

#### **Occupational exposure limits**

Ingredient name	Exposure limits
2-Chloro-2'-ethyl-N-(2-methoxy-1-methylethyl)-6'-methylacetanilide	None.
Solvent Naphtha (Petroleum), Heavy Arom.	None.
Calcium Dodecylbenzenesulphonate	None.

Appropriate engineering controls	:	If user operations generate dust, 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.
Environmental exposure controls	:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.
Individual protection measure	<u>)</u>	
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. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
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: chemical splash goggles and/ or face shield. If inhalation hazards exist, a full-face respirator may be required instead.
Skin protection		

## Section 8. Exposure controls/personal 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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Body protection	<ul> <li>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.</li> </ul>
Other skin protection	<ul> <li>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.</li> </ul>
Respiratory protection	<ul> <li>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.</li> </ul>

## Section 9. Physical and chemical properties

<u>Appearance</u>		
Physical state	1	Liquid. [Viscous.]
Color	1	Pale yellow.
Odor	1	Mildly aromatic.
Odor threshold	1	Not available.
рН	1	7.22 ±0.04 [Conc. (% w/w): 1%, at 25.3°C]
Melting point	1	Not available.
Boiling point	1	Not available.
Flash point	1	Not available.
Evaporation rate	1	Not available.
Flammability (solid, gas)	1	Not available.
Lower and upper explosive (flammable) limits	1	Not available.
Vapor pressure	1	Not available.
Vapor density	1	Not available.
Relative density	1	1.1041 g/ml @ 20°C (68°F)
Solubility	1	Not available.
Partition coefficient: n- octanol/water	1	Not available.
Auto-ignition temperature	1	Not available.
Decomposition temperature	:	Not available.
Viscosity	1	Not available.
Flow time (ISO 2431)	:	Not available.



## Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
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	: No specific data.
Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials.
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	Result	Species	Dose	Exposure
2-Chloro-2'-ethyl-N-(2-methoxy- 1-methylethyl)-6'-methylacetanilide	LD50 Dermal	Rabbit	>10 g/kg	-
	LD50 Dermal	Rat	3170 mg/kg	-
	LD50 Oral	Rat	2200 mg/kg	-
Calcium Dodecylbenzenesulphonate	LD50 Oral	Rat	1300 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
2-Chloro-2'-ethyl-N-(2-methoxy- 1-methylethyl)-6'-methylacetanilide	Eyes - Mild irritant	Rabbit	-	100 mg	-
Solvent Naphtha (Petroleum), Heavy Arom.	Skin - Mild irritant Skin - Mild irritant	Rabbit Rabbit	-	334 mg 24 hours 500 μl	-

#### **Sensitization**

There is no data available.

#### **Mutagenicity**

There is no data available.

#### **Carcinogenicity**

There is no data available.

#### Reproductive toxicity

There is no data available.

#### **Teratogenicity**

There is no data available.

#### Specific target organ toxicity (single exposure)

There is no data available.

#### Specific target organ toxicity (repeated exposure)

There is no data available.

#### Aspiration hazard

Name	Result
Solvent Naphtha (Petroleum), Heavy Arom.	ASPIRATION HAZARD - Category 1

## Section 11. Toxicological information

routes of exposure	:	Dermal contact. Eye contact. Inhalation. Ingestion.
Potential acute health effects	2	
Eye contact	1	Causes serious eye damage.
Inhalation	1	No known significant effects or critical hazards.
Skin contact	1	May cause an allergic skin reaction.
Ingestion	1	No known significant effects or critical hazards.
Symptoms related to the phy	vsic	al, chemical and toxicological characteristics
Eye contact	:	Adverse symptoms may include the following: pain watering redness
Inhalation	1	No known significant effects or critical hazards.
Skin contact	-	Adverse symptoms may include the following: pain or irritation redness blistering may occur
Ingestion	:	Adverse symptoms may include the following: stomach pains
Dolavod and immodiate offee	te	and also chronic offocts from short and long form exposure
	ts :	and also chronic effects from short and long term exposure
Delayed and immediate effec Short term exposure Potential immediate effects		and also chronic effects from short and long term exposure No known significant effects or critical hazards.
Short term exposure Potential immediate effects	:	No known significant effects or critical hazards.
Short term exposure Potential immediate	:	
<u>Short term exposure</u> Potential immediate effects Potential delayed effects	:	No known significant effects or critical hazards.
Short term exposure Potential immediate effects Potential delayed effects Long term exposure Potential immediate	:	No known significant effects or critical hazards. No known significant effects or critical hazards.
Short term exposure Potential immediate effects Potential delayed effects Long term exposure Potential immediate effects		No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Short term exposurePotential immediateeffectsPotential delayed effectsLong term exposurePotential immediateeffectsPotential delayed effects	: : : ect	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Short term exposurePotential immediateeffectsPotential delayed effectsLong term exposurePotential immediateeffectsPotential delayed effectsPotential chronic health effects	: : : ect	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards.
Short term exposure Potential immediate effects Potential delayed effects Long term exposure Potential immediate effects Potential delayed effects Potential chronic health effects General	: : : ect	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Short term exposurePotential immediateeffectsPotential delayed effectsLong term exposurePotential immediateeffectsPotential delayed effectsPotential chronic health effectsGeneralCarcinogenicity	: : : ect	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. No known significant effects or critical hazards.
Short term exposurePotential immediateeffectsPotential delayed effectsLong term exposurePotential immediateeffectsPotential delayed effectsPotential chronic health effectsGeneralCarcinogenicityMutagenicity	: : : ect	No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. No known significant effects or critical hazards. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. No known significant effects or critical hazards. No known significant effects or critical hazards.

#### Numerical measures of toxicity

#### Acute toxicity estimates

Route	ATE value
Oral	2405 mg/kg
Dermal	3669 mg/kg

## Section 12. Ecological information

#### <u>Toxicity</u>

Product/ingredient name	Result	Species	Exposure	
2-Chloro-2'-ethyl-N-(2-methoxy- 1-methylethyl)-6'-methylacetanilide	Acute EC50 50.9 µg/L Fresh water	Algae - Pseudokirchneriella subcapitata	96 hours	
	Acute EC50 343 µg/L Fresh water	Aquatic plants - Lemna minor	96 hours	
	Acute EC50 1100 µg/L Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours	
	Acute EC50 4.25 mg/L Fresh water	Daphnia - Daphnia magna	48 hours	
	Acute IC50 37.17 µg/L Fresh water	Algae - Pseudokirchneriella subcapitata	72 hours	
	Acute LC50 3.9 ppm Fresh water	Fish - Oncorhynchus mykiss	96 hours	
	Chronic EC10 11 µg/L Fresh water	Algae - Achnanthidium minutissimum	96 hours	
	Chronic NOEC 187 µg/L Fresh water	Aquatic plants - Lemna minor	4 days	
	Chronic NOEC 0.354 ppm Fresh water	Daphnia - Daphnia magna	21 days	
	Chronic NOEC 0.78 ppm	Fish - Pimephales promelas	35 days	

#### Persistence and degradability

There is no data available.

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
2-Chloro-2'-ethyl-N-(2-methoxy- 1-methylethyl)-6'-methylacetanilide	3.13	-	low
Solvent Naphtha (Petroleum), Heavy Arom.	2.8 to 6.5	99 to 5780	high

#### Mobility in soil

Soil/water partition : Not available. coefficient (Koc)

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 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. Care should be taken when handling empty containers that have not been cleaned or rinsed out. 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	IMDG	ΙΑΤΑ
UN number	UN3082	UN3082	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-Chloro- 2'-ethyl-N-(2-methoxy-1-methylethyl)-6'- methylacetanilide)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-Chloro- 2'-ethyl-N-(2-methoxy-1-methylethyl)-6'- methylacetanilide). Marine pollutant (2-Chloro-2'-ethyl-N-(2-methoxy- 1-methylethyl)-6'-methylacetanilide)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (2-Chloro-2'-ethyl-N-(2-methoxy- 1-methylethyl)-6'-methylacetanilide)
Transport hazard class(es)	9	9	9
Packing group	Ш	Ш	Ш
Environmental hazards	Yes.	Yes.	Yes.
	·	•	AERG : 171

DOT-RQ Details	:	Calcium Dodecylbenzenesulphonate	1000 lbs / 454 kg
Additional information			
DOT Classification	•	sizes less than the product reportable. The marine pollutant mark is not requires of $\leq 5 L$ or $\leq 5 kg$ . <b>Reportable quantity</b> 33333.3 lbs / 1	re not regulated as hazardous materials in package le quantity, unless transported by inland waterway. uired when transported on inland waterways in 15133.3 kg [3620.9 gal / 13706.5 L]. Package sizes roduct reportable quantity are not subject to the RQ equirements.
IMDG	:		angerous good when transported in sizes of $\leq$ 5 L or the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.
ΙΑΤΑ	:		angerous good when transported in sizes of $\leq$ 5 L or the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and
Special precautions for user	:	• •	always transport in closed containers that are sons transporting the product know what to do in

## Section 15. Regulatory information

U.S. Federal regulations	: TSCA 8(a) CDR Exempt/Partial exemption: Not determined	
	United States inventory (TSCA 8b): All components are listed or exempted.	
	Clean Water Act (CWA) 311: Calcium Dodecylbenzenesulphonate	
Clean Air Act Section 112	: Not listed	

Pollutants (HAPs)	
Clean Air Act Section 602 Class I Substances	: Not listed

(b) Hazardous Air

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## Section 15. Regulatory information

Clean Air Act Section 602 Class II Substances	: Not listed
DEA List I Chemicals (Precursor Chemicals)	: Not listed
DEA List II Chemicals (Essential Chemicals)	: Not listed
SARA 302/304	
Composition/information	on ingredients
No products were found.	
SARA 304 RQ	: Not applicable.
<u>SARA 311/312</u>	
Classification	: SERIOUS EYE DAMAGE/ E

: SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1 SKIN SENSITIZATION - Category 1

#### Composition/information on ingredients

Name	Classification
Calcium Dodecylbenzenesulphonate	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1 ASPIRATION HAZARD - Category 1 ACUTE TOXICITY (oral) - Category 4 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1

#### <u>SARA 313</u>

There is no data available.

#### **State regulations**

Massachusetts	: The following components are listed: Calcium Dodecylbenzenesulphonate
New York	: The following components are listed: Calcium Dodecylbenzenesulphonate
New Jersey	<ul> <li>The following components are listed: 2-Chloro-2'-ethyl-N-(2-methoxy-1-methylethyl)-6'- methylacetanilide; Calcium Dodecylbenzenesulphonate</li> </ul>
Pennsylvania	: The following components are listed: Calcium Dodecylbenzenesulphonate
California Prop. 65	
Nie was durate unave feu	

No products were found.

### Section 16. Other information

#### Procedure used to derive the classification

Classification	Justification
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1	Calculation method
SKIN SENSITIZATION - Category 1	Calculation method
AQUATIC HAZARD (ACUTE) - Category 1	Calculation method
AQUATIC HAZARD (LONG-TERM) - Category 1	Calculation method

#### History

Date of issue mm/dd/yyyy	: 01/30/2018
Date of previous issue	: Not applicable.
Version	: 1
Prepared by	: KMK Regulatory Services Inc.



## Section 16. Other information

#### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.