

SAFETY DATA SHEET



Version 2.0 Revision Date: 01/29/2021 SDS Number: 600000002157 Date of last issue: -
Date of first issue: 01/02/2015

SECTION 1. IDENTIFICATION

Product name : TM148 HAWAIIAN MELON DRYING AGENT
Product code : TM148

Manufacturer or supplier's details

Company name of supplier : Niteo Products, LLC
Address : Dallas TX 75225
Email Address : EHS@niteoproducts.com
Telephone : 1-844-696-4836
Emergency telephone number : 1-800-424-9300 / 1-703-741-5970

Recommended use of the chemical and restrictions on use

Recommended use : DRYING AGENT/UV PROTECTANT
Restrictions on use : Use only outdoors or in a well-ventilated area.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200

Flammable liquids : Category 4
Skin corrosion : Category 1
Serious eye damage : Category 1
Aspiration hazard : Category 1

GHS label elements

Hazard pictograms :

Signal word : Danger

Hazard statements : Combustible liquid.
May be fatal if swallowed and enters airways.
Causes severe skin burns and eye damage.

Precautionary statements : **Prevention:**
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Wash skin thoroughly after handling.
Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
IF SWALLOWED: Immediately call a POISON CENTER/doctor.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
Wash contaminated clothing before reuse.
In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:

Store in a well-ventilated place. Keep cool.
Store locked up.

Disposal:

Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
Dicocodimonium Chloride	61789-77-3	>= 10 - < 20
Distillates (petroleum)	64742-46-7	>= 10 - < 20
2-Butoxyethanol	111-76-2	>= 5 - < 10
Isopropanol	67-63-0	>= 5 - < 10
Nonylphenol polyethoxylate	9016-45-9	>= 1 - < 5
Coconut oil aminopropyl betaine	61789-40-0	>= 1 - < 5
Amines, C14-18 and C16-18-unsatd. alkyl, ethoxylated	68155-39-5	>= 1 - < 3

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

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.
Symptoms of poisoning may appear several hours later.
Do not leave the victim unattended.

If inhaled : If breathed in, move person into fresh air.
IF INHALED: Call a POISON CENTER/ doctor if you feel unwell.
If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of skin contact : Take off contaminated clothing and shoes immediately.
If on skin, rinse well with water.
Wash contaminated clothing before re-use.

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In case of eye contact : If skin irritation persists, call a physician.
: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Continue rinsing eyes during transport to hospital.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.

If swallowed : Get medical attention immediately.
: Do NOT induce vomiting.
Rinse mouth with water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed : May be fatal if swallowed and enters airways.
: Causes serious eye damage.
: Causes severe burns.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Water spray
Carbon dioxide (CO2)

Unsuitable extinguishing media : High volume water jet

Specific hazards during fire-fighting : If product is heated above its flash point it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and be ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release.
Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : Carbon oxides

Specific extinguishing methods : Product is compatible with standard fire-fighting agents.

Further information : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Use a water spray to cool fully closed containers.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Remove all sources of ignition.
Ensure adequate ventilation.
Avoid breathing dust.
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Environmental precautions : Prevent further leakage or spillage if safe to do so.
Prevent product from entering drains.
Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform

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respective authorities.

Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Electrically bond and ground all containers, personnel and equipment before transfer or use of material. Special precautions may be necessary to dissipate static electricity for non-conductive containers. Use proper bonding and grounding during product transfer as described in National Fire Protection Association document NFPA 77.
Keep away from open flames, hot surfaces and sources of ignition.
Do not spray on a naked flame or any incandescent material.

Advice on safe handling : Avoid formation of aerosol.
Provide sufficient air exchange and/or exhaust in work rooms.
Do not breathe vapours/dust.
Do not smoke.
Avoid contact with skin and eyes.
When diluting, always add the product to water. Never add water to the product.
Dispose of rinse water in accordance with local and national regulations.
Container hazardous when empty.
Smoking, eating and drinking should be prohibited in the application area.
For personal protection see section 8.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Observe label precautions.
No smoking.

Further information on storage stability : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Distillates (petroleum)	64742-46-7	TWA (Mist)	5 mg/m ³	OSHA Z-1
		TWA (Mist)	5 mg/m ³	OSHA P0
		TWA (Mist)	5 mg/m ³	NIOSH REL
		ST (Mist)	10 mg/m ³	NIOSH REL
2-Butoxyethanol	111-76-2	TWA	20 ppm	ACGIH
		TWA	5 ppm 24 mg/m ³	NIOSH REL

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		TWA	50 ppm 240 mg/m3	OSHA Z-1
		TWA	25 ppm 120 mg/m3	OSHA P0
Isopropanol	67-63-0	TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH
		TWA	400 ppm 980 mg/m3	NIOSH REL
		ST	500 ppm 1,225 mg/m3	NIOSH REL
		TWA	400 ppm 980 mg/m3	OSHA Z-1
		TWA	400 ppm 980 mg/m3	OSHA P0
		STEL	500 ppm 1,225 mg/m3	OSHA P0

Hazardous components without workplace control parameters

Components	CAS-No.
Dicocodimonium Chloride	61789-77-3
Nonylphenol polyethoxylate	9016-45-9
Coconut oil aminopropyl beta-ine	61789-40-0
Amines, C14-18 and C16-18-unsatd. alkyl, ethoxylated	68155-39-5

Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sam-pling time	Permissible concentra-tion	Basis
2-Butoxyethanol	111-76-2	Butoxyace-tic acid (BAA)	Urine	End of shift (As soon as possible after exposure ceases)	200 mg/g Creatinine	ACGIH BEI
Isopropanol	67-63-0	Acetone	Urine	End of shift at end of work-week	40 mg/l	ACGIH BEI

Engineering measures : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Personal protective equipment

Hand protection

Remarks : Wear resistant gloves (consult your safety equipment supplier). The suitability for a specific workplace should be discussed with the producers of the protective gloves. Discard gloves that show tears, pinholes, or signs of wear.

Eye protection : Wear chemical splash goggles and face shield when there is

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potential for exposure of the eyes or face to liquid, vapor or mist.

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Wear as appropriate:
Impervious clothing
Safety shoes

Hygiene measures : Remove and wash contaminated clothing before re-use.
Handle in accordance with good industrial hygiene and safety practice.
When using do not smoke.
When using do not eat or drink.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid
Colour : yellow
Odour : fruity
Odour Threshold : not determined

pH : 1 - 2

Melting point/freezing point : 0 °C

Boiling point/boiling range : 100 °C

Flash point : > 93.3 °C
Method: closed cup

Evaporation rate : not determined

Flammability (solid, gas) : No data available

Self-ignition : not determined

Upper explosion limit / Upper flammability limit : not determined

Lower explosion limit / Lower flammability limit : not determined

Vapour pressure : not determined

Relative vapour density : not determined

Density : 0.9406 g/cm³

Solubility(ies)
Water solubility : soluble

Partition coefficient: n-octanol/water : not determined

Decomposition temperature : not determined

Viscosity
Viscosity, dynamic : not determined

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Viscosity, kinematic : not determined
Molecular weight : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.
Chemical stability : No decomposition if stored and applied as directed.
Possibility of hazardous reac- : No decomposition if stored and applied as directed.
tions : Vapours may form explosive mixture with air.

Conditions to avoid : Heat, flames and sparks.
Incompatible materials : Strong oxidizing agents
Hazardous decomposition : Carbon oxides
products

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation
Eye contact
Skin contact
Ingestion

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity : Acute toxicity estimate: 3,519 mg/kg
Method: Calculation method

Remarks: Causes digestive tract burns.

Acute inhalation toxicity : Acute toxicity estimate: 6.11 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

Components:

Dicocodimonium Chloride:

Acute oral toxicity : LD50 (Rat): 960 mg/kg
Remarks: Information given is based on data obtained from
similar substances.

Distillates (petroleum):

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): 4.6 - 7.64 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

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Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg

2-Butoxyethanol:

Acute oral toxicity : LD50 (Guinea pig): 1,200 mg/kg

Acute inhalation toxicity : LC50 (Guinea pig): > 633 ppm
Exposure time: 1 h
Test atmosphere: dust/mist
Assessment: The component/mixture is moderately toxic after short term inhalation.

Acute dermal toxicity : LD50 (Guinea pig): > 2,000 mg/kg
Assessment: The component/mixture is moderately toxic after single contact with skin.

Isopropanol:

Acute oral toxicity : LD50 (Rat): 5.84 g/kg

Acute inhalation toxicity : LC50 (Rat): 16000 ppm
Exposure time: 4 h
Test atmosphere: vapour

Acute dermal toxicity : LD50 (Rabbit): 12,800 mg/kg

Nonylphenol polyethoxylate:

Acute oral toxicity : LD50 (Mouse): 4,290 mg/kg
Remarks: Information given is based on data obtained from similar substances.

Coconut oil aminopropyl betaine:

Acute oral toxicity : LD50 (Rat): 1,500 mg/kg

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg

Amines, C14-18 and C16-18-unsatd. alkyl, ethoxylated:

Acute oral toxicity : Assessment: The component/mixture is moderately toxic after single ingestion.

Skin corrosion/irritation

Causes severe burns.

Product:

Remarks: Causes severe skin burns and eye damage.

Components:

Dicocodimonium Chloride:

Result: Irritating to skin.

2-Butoxyethanol:

Method: Directive 67/548/EEC, Annex V, B.4.

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Result: Irritating to skin.

Isopropanol:

Result: Possibly irritating to skin

Nonylphenol polyethoxylate:

Result: Irritating to skin.

Coconut oil aminopropyl betaine:

Result: Irritating to skin.

Amines, C14-18 and C16-18-unsatd. alkyl, ethoxylated:

Result: Causes burns.

Serious eye damage/eye irritation

Causes serious eye damage.

Product:

Remarks: May cause irreversible eye damage.

Components:

Dicocodimonium Chloride:

Result: Corrosive

2-Butoxyethanol:

Result: Irritating to eyes.

Method: OECD Test Guideline 405

Isopropanol:

Result: Irritating to eyes.

Nonylphenol polyethoxylate:

Result: Irritating to eyes.

Coconut oil aminopropyl betaine:

Result: Irritating to eyes.

Amines, C14-18 and C16-18-unsatd. alkyl, ethoxylated:

Result: Irreversible effects on the eye

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

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Components:

2-Butoxyethanol:

Species: Guinea pig
Method: OECD Test Guideline 406
Result: Not a skin sensitizer.

Coconut oil aminopropyl betaine:

Assessment: Does not cause skin sensitisation.

Germ cell mutagenicity

Not classified based on available information.

Components:

2-Butoxyethanol:

Genotoxicity in vitro : Test Type: Ames test
Test system: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Result: negative

Nonylphenol polyethoxylate:

Genotoxicity in vitro : Test Type: Ames test
Test system: Salmonella typhimurium
Result: negative
Remarks: Information given is based on data obtained from similar substances.

Coconut oil aminopropyl betaine:

Genotoxicity in vitro : Test Type: Ames test
Test system: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Result: negative

Carcinogenicity

Not classified based on available information.

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

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Components:

Isopropanol:

Assessment: May cause drowsiness or dizziness.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

May be fatal if swallowed and enters airways.

Components:

Distillates (petroleum):

May be fatal if swallowed and enters airways.

Further information

Product:

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with all applicable local, state and federal regulations.
Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

SECTION 14. TRANSPORT INFORMATION

Dangerous goods descriptions (if indicated below) may not reflect quantity, end-use, or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

International Regulations

IATA-DGR

UN/ID No. : UN 1760
Proper shipping name : Corrosive liquid, n.o.s.
(Amines, C14-18 and C16-18-unsatd. alkyl, ethoxylated)
Class : 8
Packing group : II
Labels : 8

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Packing instruction (cargo aircraft) : 855
Packing instruction (passenger aircraft) : 851

IMDG-Code

UN number : UN 1760
Proper shipping name : CORROSIVE LIQUID, N.O.S.
(Amines, C14-18 and C16-18-unsatd. alkyl, ethoxylated)
Class : 8
Packing group : II
Labels : 8
EmS Code : F-A, S-B
Marine pollutant : no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

49 CFR

UN/ID/NA number : UN 1760
Proper shipping name : Corrosive liquids, n.o.s.
(Amines, C14-18 and C16-18-unsatd. alkyl, ethoxylated)
Class : 8
Packing group : II
Labels : 8
ERG Code : 154
Marine pollutant : no

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Ethyl acetate	141-78-6	100	100 (F003)
Diethyl phthalate	84-66-2	1000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Flammable (gases, aerosols, liquids, or solids)
Skin corrosion or irritation
Serious eye damage or eye irritation
Aspiration hazard

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

2-Butoxyethanol 111-76-2 >= 5 - < 10 %

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Isopropanol 67-63-0 >= 5 - < 10 %

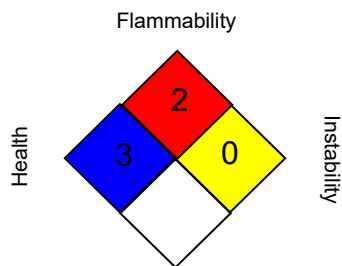
California Prop. 65

WARNING: This product can expose you to chemicals including 1,4-Dioxane, Ethylene Oxide, which is/are known to the State of California to cause cancer, and Ethylene Oxide, Methyl chloride, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16. OTHER INFORMATION

Further information

NFPA:



Special hazard.

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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