

ASHLAND		Page: 1
SAFETY DATA SHEET		Revision Date: 10/19/2015
		Print Date: 8/19/2016
		SDS Number: 000000150146
N-Hance™ SP-100 CONDITIONING AGENT ™ Trademark, Ashland or its subsidiaries, registered in various countries 736752		Version: 1.3

29 CFR 1910.1200 (OSHA HazCom 2012)

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Trade name : N-Hance™ SP-100
CONDITIONING AGENT
™ Trademark, Ashland or its subsidiaries, registered in various countries

Recommended use of the chemical and restrictions on use

Use of the Substance/Mixture : in Personal Care

Details of the supplier of the safety data sheet Ashland P.O. Box 2219 Columbus, OH 43216 United States of America EHS Customer Requests@ashland.com	Emergency telephone number 1-800-ASHLAND (1-800-274-5263) Regulatory Information Number 1-800-325-3751 Product Information 614-790-3333
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SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Combustible Dust :
Carcinogenicity (Dermal) : Category 2

GHS Label element

Hazard pictograms : 

Signal Word : Warning

Hazard Statements : May form combustible dust concentrations in air.
Suspected of causing cancer in contact with skin.

Precautionary Statements : **Prevention:**
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:

ASHLAND		Page: 2
SAFETY DATA SHEET		Revision Date: 10/19/2015
		Print Date: 8/19/2016
		SDS Number: 00000150146
N-Hance™ SP-100 CONDITIONING AGENT ™ Trademark, Ashland or its subsidiaries, registered in various countries 736752		Version: 1.3

IF exposed or concerned: Get medical advice/ attention.

Storage:

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

Chemical nature : organic

Hazardous components

Chemical Name	CAS-No.	Classification	Concentration (%)
COCO DIETHANOLAMIDE	68603-42-9	Skin Irrit. 2; H315 Eye Irrit. 2A; H319 Carc. 2; H351	0.17

SECTION 4. FIRST AID MEASURES

General advice : No hazards which require special first aid measures.

If inhaled : If breathed in, move person into fresh air.
If unconscious place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of skin contact : First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.

In case of eye contact : Remove contact lenses.
Protect unharmed eye.

If swallowed : 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 : Signs and symptoms of exposure to this material through

ASHLAND		Page: 3
SAFETY DATA SHEET		Revision Date: 10/19/2015
		Print Date: 8/19/2016
		SDS Number: 000000150146
N-Hance™ SP-100 CONDITIONING AGENT ™ Trademark, Ashland or its subsidiaries, registered in various countries 736752		Version: 1.3

and effects, both acute and delayed

breathing, swallowing, and/or passage of the material through the skin may include:
irritation (nose, throat, airways)
Suspected of causing cancer in contact with skin.

Notes to physician

: No hazards which require special first aid measures.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Water spray
Foam

Specific hazards during firefighting : Organic dusts at sufficient concentration can form explosive mixtures in air.
Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : carbon dioxide and carbon monoxide
Nitrogen oxides (NOx)

Specific extinguishing methods :

Product is compatible with standard fire-fighting agents.

Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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 : Avoid dust formation.
Avoid breathing dust.
Material can create slippery conditions.
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up : Pick up and arrange disposal without creating dust.
Keep in suitable, closed containers for disposal.

ASHLAND		Page: 4
SAFETY DATA SHEET		Revision Date: 10/19/2015
		Print Date: 8/19/2016
		SDS Number: 000000150146
N-Hance™ SP-100 CONDITIONING AGENT ™ Trademark, Ashland or its subsidiaries, registered in various countries 736752		Version: 1.3

Other information : Comply with all applicable federal, state, and local regulations.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Avoid dust formation.
 Ensure all equipment is electrically grounded and bonded before beginning transfer operations.
 The material can accumulate static charge and can therefore cause electrical ignition of flammable atmospheres.
 Smoking, eating and drinking should be prohibited in the application area.
 For personal protection see section 8.
 Maintain good housekeeping. Do not permit dust layers to accumulate, for example, on floors, ledges, and equipment, in order to avoid any potential for dust explosion hazards.

For further guidance on prevention of dust explosions, refer to National Fire Protection Association (NFPA) 654: "Standard for the Prevention of Fire and Dust Explosions, from the Manufacturing, Processing and Handling of Combustible Particulate Solids".

Conditions for safe storage : Containers which are opened must be carefully resealed and kept upright to prevent leakage.
 No smoking.

Materials to avoid : No materials to be especially mentioned.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Hazardous components without workplace control parameters

Components	CAS-No.
COCO DIETHANOLAMIDE	68603-42-9

Engineering measures : Provide appropriate exhaust ventilation at places where dust is formed.
 General room ventilation should be adequate for normal conditions of use. However, if unusual operating conditions exist, 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.

ASHLAND		Page: 5
SAFETY DATA SHEET		Revision Date: 10/19/2015
		Print Date: 8/19/2016
		SDS Number: 000000150146
N-Hance™ SP-100 CONDITIONING AGENT ™ Trademark, Ashland or its subsidiaries, registered in various countries 736752		Version: 1.3

Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
- Eye protection : Safety glasses
- Skin and body protection : Wear as appropriate:
Safety shoes
Wear resistant gloves (consult your safety equipment supplier).
- Hygiene measures : Avoid breathing dust.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : powder
- Physical state : solid
- Colour : white
- Odour : amine-like
- Odour Threshold : No data available
- pH : 4, Concentration: 10 g/l (20 °C)
- Melting point/freezing point : Not applicable
- Boiling point/boiling range : No data available
- Flash point : Not applicable
- Evaporation rate : No data available
- Flammability (solid, gas) : No data available
- Upper explosion limit : Not applicable
- Lower explosion limit : No data available
- Vapour pressure : No data available
- Relative vapour density : No data available
- Relative density : No data available
- Density : No data available

ASHLAND		Page: 6
SAFETY DATA SHEET		Revision Date: 10/19/2015
		Print Date: 8/19/2016
		SDS Number: 000000150146
N-Hance™ SP-100 CONDITIONING AGENT ™ Trademark, Ashland or its subsidiaries, registered in various countries 736752		Version: 1.3

Bulk density : 620 kg/m³

Solubility(ies)
Water solubility : soluble (20 °C)

Solubility in other solvents : No data available

Partition coefficient: n-
octanol/water : No data available

Auto-ignition temperature : >
400 °C

Thermal decomposition : No data available

Viscosity
Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

Oxidizing properties : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous
reactions : Dust may form explosive mixture in air.

Conditions to avoid : Keep away from heat, flame, sparks and other ignition
sources.

Hazardous decomposition
products : carbon dioxide and carbon monoxide
Nitrogen oxides (NO_x)

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : Inhalation
Skin contact
Eye Contact
Ingestion

Acute toxicity

Not classified based on available information.

Components:

ASHLAND		Page: 7
SAFETY DATA SHEET		Revision Date: 10/19/2015
		Print Date: 8/19/2016
		SDS Number: 00000150146
N-Hance™ SP-100 CONDITIONING AGENT ™ Trademark, Ashland or its subsidiaries, registered in various countries 736752		Version: 1.3

COCO DIETHANOLAMIDE:

Acute oral toxicity : LD 50 (Rat): > 5,000 mg/kg

Acute dermal toxicity : LD 50 (Rabbit): > 2 g/kg
Assessment: Not classified as acutely toxic by dermal absorption under GHS.

Skin corrosion/irritation

Not classified based on available information.

Components:

COCO DIETHANOLAMIDE:

Result: Irritating to skin.

Serious eye damage/eye irritation

Not classified based on available information.

Product:

Remarks: Unlikely to cause eye irritation or injury., Product dust may be irritating to eyes, skin and respiratory system.

Components:

COCO DIETHANOLAMIDE:

Result: Severely irritating to eyes

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Suspected of causing cancer in contact with skin.

Components:

COCO DIETHANOLAMIDE:

Carcinogenicity - : Limited evidence of carcinogenicity in animal studies (dermal)
Assessment

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks: No data available

Carcinogenicity:

IARC Group 2B: Possibly carcinogenic to humans

COCO DIETHANOLAMIDE 68603-42-9

OSHA No component of this product present at levels greater than or

ASHLAND		Page: 8
SAFETY DATA SHEET		Revision Date: 10/19/2015
		Print Date: 8/19/2016
		SDS Number: 000000150146
N-Hance™ SP-100 CONDITIONING AGENT ™ Trademark, Ashland or its subsidiaries, registered in various countries 736752		Version: 1.3

equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Ecotoxicology Assessment

Acute aquatic toxicity : Acute aquatic toxicity Category 3; Harmful to aquatic life.

Chronic aquatic toxicity : Chronic aquatic toxicity Category 3; Harmful to aquatic life with long lasting effects.

Components:

COCO DIETHANOLAMIDE:

Toxicity to fish : LC 50 (Danio rerio (zebra fish)): 3.6 mg/l
Exposure time: 96 h
Test Type: semi-static test

Toxicity to daphnia and other aquatic invertebrates : EC 50 (Water flea (Daphnia pulex)): 2.15 mg/l
Exposure time: 48 h
Test Type: static test

Toxicity to algae : EC 50 (Desmodesmus subspicatus (green algae)): 2.2 mg/l
Exposure time: 72 h

Persistence and degradability

Components:

COCO DIETHANOLAMIDE:

Biodegradability : Result: Readily biodegradable

Bioaccumulative potential

Components:

No data available

Mobility in soil

Components:

No data available

Other adverse effects

No data available

ASHLAND		Page: 9
SAFETY DATA SHEET		Revision Date: 10/19/2015
		Print Date: 8/19/2016
		SDS Number: 000000150146
N-Hance™ SP-100 CONDITIONING AGENT ™ Trademark, Ashland or its subsidiaries, registered in various countries 736752		Version: 1.3

Product:

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

Components:

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

General advice : The product should not be allowed to enter drains, water courses or the soil.

Dispose of in accordance with all applicable local, state and federal regulations.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

International transport regulations

REGULATION

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.
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MX_DG

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

Not dangerous goods

INTERNATIONAL MARITIME DANGEROUS GOODS

Not dangerous goods

TDG_INWT_C

Not dangerous goods

ASHLAND		Page: 10
SAFETY DATA SHEET		Revision Date: 10/19/2015
		Print Date: 8/19/2016
		SDS Number: 00000150146
N-Hance™ SP-100 CONDITIONING AGENT ™ Trademark, Ashland or its subsidiaries, registered in various countries 736752		Version: 1.3

TDG_RAIL_C

Not dangerous goods

TDG_ROAD_C

Not dangerous goods

U.S. DOT - INLAND WATERWAYS

Not dangerous goods

CFR_RAIL_C

Not dangerous goods

U.S. DOT - ROAD

Not dangerous goods

***ORM = ORM-D, CBL = COMBUSTIBLE LIQUID**

Marine pollutant	no
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Dangerous goods descriptions (if indicated above) 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.

SECTION 15. REGULATORY INFORMATION

SARA 311/312 Hazards : Fire Hazard
Chronic Health Hazard

SARA 313 Component(s)SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Pennsylvania Right To Know

Polymer	75150-29-7	90.00 - 100.00 %
WATER	7732-18-5	10.00 - 20.00 %

New Jersey Right To Know

Polymer	75150-29-7	90.00 - 100.00 %
WATER	7732-18-5	10.00 - 20.00 %

California Prop 65 WARNING! This product contains a chemical known to the

ASHLAND		Page: 11
SAFETY DATA SHEET		Revision Date: 10/19/2015
		Print Date: 8/19/2016
		SDS Number: 000000150146
N-Hance™ SP-100 CONDITIONING AGENT ™ Trademark, Ashland or its subsidiaries, registered in various countries 736752		Version: 1.3

State of California to cause cancer.
COCO 68603-42-9
DIETHANOLAMIDE

The components of this product are reported in the following inventories:

- TSCA : On TSCA Inventory
- DSL : This product contains one or several components that are not on the Canadian DSL and have annual quantity limits.
- AICS : On the inventory, or in compliance with the inventory
- ENCS : Not in compliance with the inventory
- KECI : On the inventory, or in compliance with the inventory
- PICCS : Not in compliance with the inventory
- IECSC : On the inventory, or in compliance with the inventory

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

SECTION 16. OTHER INFORMATION

Further information

Revision Date: 10/19/2015

<p>NFPA:</p> <div style="text-align: center;"> <p>Flammability</p> <p>Health Instability</p> <p>Special hazard.</p> </div>	<p>HMIS III:</p> <table border="1" style="width: 100%;"> <tr> <td style="background-color: blue; color: white;">HEALTH</td> <td style="text-align: center;">0*</td> </tr> <tr> <td style="background-color: red; color: white;">FLAMMABILITY</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="background-color: yellow;">PHYSICAL HAZARD</td> <td style="text-align: center;">0</td> </tr> </table> <p>0 = not significant, 1 =Slight, 2 = Moderate, 3 = High 4 = Extreme, * = Chronic</p>	HEALTH	0*	FLAMMABILITY	0	PHYSICAL HAZARD	0
HEALTH	0*						
FLAMMABILITY	0						
PHYSICAL HAZARD	0						

NFPA Flammable and Combustible Liquids Classification

Not applicable

Full text of H-Statements

ASHLAND		Page: 12
SAFETY DATA SHEET		Revision Date: 10/19/2015
		Print Date: 8/19/2016
		SDS Number: 000000150146
N-Hance™ SP-100 CONDITIONING AGENT ™ Trademark, Ashland or its subsidiaries, registered in various countries 736752		Version: 1.3

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer in contact with skin.

Sources of key data used to compile the Safety Data Sheet

Ashland internal data including own and sponsored test reports
The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).

List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet :

ACGIH : American Conference of Industrial Hygienists
BEI : Biological Exposure Index
CAS : Chemical Abstracts Service (Division of the American Chemical Society).
CMR : Carcinogenic, Mutagenic or Toxic for Reproduction
FG : Food grade
GHS : Globally Harmonized System of Classification and Labeling of Chemicals.
H-statement : Hazard Statement
IATA : International Air Transport Association.
IATA-DGR : Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO : International Civil Aviation Organization
ICAO-TI (ICAO) : Technical Instructions by the "International Civil Aviation Organization"
IMDG : International Maritime Code for Dangerous Goods
ISO : International Organization for Standardization
logPow : octanol-water partition coefficient
LCxx : Lethal Concentration, for xx percent of test population
LDxx : Lethal Dose, for xx percent of test population.
ICxx : Inhibitory Concentration for xx of a substance
Ecxx : Effective Concentration of xx
N.O.S.: Not Otherwise Specified
OECD : Organization for Economic Co-operation and Development
OEL : Occupational Exposure Limit
P-Statement : Precautionary Statement
PBT : Persistent , Bioaccumulative and Toxic
PPE : Personal Protective Equipment
STEL : Short-term exposure limit
STOT : Specific Target Organ Toxicity
TLV : Threshold Limit Value
TWA : Time-weighted average
vPvB : Very Persistent and Very Bioaccumulative
WEL : Workplace Exposure Level

ASHLAND [®]		Page: 13
SAFETY DATA SHEET		Revision Date: 10/19/2015
		Print Date: 8/19/2016
		SDS Number: 000000150146
N-Hance™ SP-100 CONDITIONING AGENT ™ Trademark, Ashland or its subsidiaries, registered in various countries 736752		Version: 1.3

CERCLA : Comprehensive Environmental Response, Compensation, and Liability Act

DOT : Department of Transportation

FIFRA : Federal Insecticide, Fungicide, and Rodenticide Act

HMIRC : Hazardous Materials Information Review Commission

HMIS : Hazardous Materials Identification System

NFPA : National Fire Protection Association

NIOSH : National Institute for Occupational Safety and Health

OSHA : Occupational Safety and Health Administration

PMRA : Health Canada Pest Management Regulatory Agency

RTK : Right to Know

WHMIS : Workplace Hazardous Materials Information System