

NU-KLEEN SMELL™

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name **NU-KLEEN SMELL™**
Product codes 16486 / 16675 / 16720

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses All Purpose and All Surface Cleaner

Uses advised against Not available

1.3. Details of the supplier of the safety data sheet

Name Innu-Science Canada Inc.
Address 1777 Nobel Boulevard, local F
Ste-Julie, QC, J3E 1Z6, Canada
Telephone 1 450-922-4666
Telefax 1 450-922-7776
Contact email ali.kademi@innuscience.com

1.4. Emergency telephone number

Telephone Canutec - 24 hours emergency contact no 613-996-6666
Contact number: 1 866-922-4666 - From 8:00AM to 5:00PM (Eastern time)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS Classification in accordance with OSHA 29 CFR 1910.1200 HCS

Serious Eye Damage/Eye Irritation Category 2A

2.2. GHS Label elements, including precautionary statements

Danger symbol



Signal word

Warning

Hazard statements (H)

H319 Causes serious eye irritation.

Additional label element

Prevention statements

P280 Wear eye protection.
P264 Wash hands thoroughly after handling.

Response statements

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical attention.

Storage statements

For quality purpose, avoid heat and the direct sunlight during storage.

Disposal statements

P501: Dispose of contents and container in accordance with local, state and federal regulations.



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According to OSHA Hazard Communication Standard (29 CFR 1910.1200)

General precautions

P102: Keep out of reach of children.
P270: Do not eat, drink or smoke when using this product.

2.3. Other hazards

Not available

SECTION 3 : Composition/information on ingredients

Name	(%)	Classification	Specific concentration limits
Alcohols, C12-16, ethoxylated CAS No. : 68551-12-2 EC No. : 500-221-7	16% ≤ C ≤ 21%	Acute Tox. 4: H302 Eye Dam. 1: H318 Aquatic Chronic 3: H412	-
Cocamidopropyl betaine CAS No. : 61789-40-0 EC No. : 263-058-8	1% ≤ C ≤ 5%	Eye Dam. 1: H318	-

SECTION 4 : First aid measures

4.1. Description of first aid measures

General information	If you feel unwell, get medical attention.
Following inhalation	Move victim to fresh air. Get medical attention if you feel unwell.
Following skin contact	Wash with plenty of soap and water. If skin irritation occurs, get medical attention.
Following eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Following ingestion	Get medical attention if you feel unwell.
For emergency responders	No data available

4.2. Most important symptoms and effects, both acute and delayed

Causes severe eye irritation. Symptoms may include stinging, tearing, redness. Accidental ingestion can result in minor irritation of the digestive tract, nausea and diarrhea

4.3. Indication of any immediate medical attention and special treatment needed

Treat according to symptoms.

SECTION 5 : Firefighting measures

5.1. Extinguishing media

Appropriated : Use fire-extinguishing media appropriate for surrounding materials.

Inappropriated : No data available

5.2. Special hazards arising from the substance or mixture

During fire, gases hazardous to health may be formed such as carbon oxides.

5.3. Advice for firefighters

In case of fire: Wear appropriate apparatus of breathing and protective clothing.



SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures**
Wear safety glasses and protective gloves. Keep unprotected persons away from and upwind of spill/leak.
- 6.2. Environmental precautions**
Avoid release to the environment.
- 6.3. Methods and material for containment and cleaning up**
Clean contaminated sites immediately. Use an inert absorbent material.
- 6.4. Reference to other sections**
Refer to sections: 7 safe handling, 8 for personal protective equipments, 13 for disposal.

SECTION 7: Handling and storage

- 7.1. Precautions for safe handling**
Avoid contact with eyes.
Use required personal protective equipment.
Wash hands thoroughly after handling.
- 7.2. Conditions for safe storage, including any incompatibilities**
Avoid heat and the direct sunlight.
- 7.3. Specific end use(s)**
No data available

SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters**
Components with critical values that require monitoring at the workplace (DE)
Not applicable

8.2. Exposure controls



Appropriate engineering controls

Not applicable

Eye/face protection : Wear appropriate safety glasses.

Skin/hand protection : Wash hands thoroughly after handling. For prolonged or repeated handling, wear protective gloves.

Respiratory protection : No respiratory protection is required in general.

Thermal hazards : No data available

Hygiene measures : Do not drink, eat or smoke near the product. Wash hands before and after handling.

Environmental exposure controls

Avoid release to the environment



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Color	Blue
Odour	Peppermint
Odor threshold	No data available
pH	7.2 – 7.8
Melting / Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability	Not applicable
Lower limit of flammability or explosive	Not applicable
Upper limit of flammability or explosive	Not applicable
Vapour pressure	No data available
Vapour density	No data available
Relative density	1.01 – 1.04
Water solubility	Easily soluble in water
Solubility in other Solvents	No data available
Log Kow	No data available
Auto-inflammability temperature	No data available
Decomposition temperature	No data available
Viscosity	50 - 200 cP
Explosive properties	Not applicable
Oxidizing properties	No data available

9.2. Other information

Cinematic viscosity	50 - 200 cSt
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SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

Stable under normal conditions of use and storage.

10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

Avoid heat and the direct sunlight.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous reactions will not occur.



SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

This product is not classified

ATEmix calculated (oral) > 5000 mg/Kg

ATEmix calculated (dermal) > 5000 mg/Kg

Exposition	Measurement	Dose	Method
Substance: Alcohols, C12-16, ethoxylated - CAS No. : 68551-12-2			
Oral	DL50	500 - 2000 mg/Kg (Rat)	OCDE 401
Dermal	DL50	> 2000 mg/Kg (Rat)	OCDE 402
Inhalation	CL50 (4h)	> 1.6 mg/l (Rat)	OCDE 403
Cocamidopropyl betaine - CAS No. : 61789-40-0			
Oral	DL50	> 5000 mg/Kg (Rat)	
Dermal	DL50	> 5000 mg/Kg (Rat)	

Skin corrosion

Not classified (the classification criteria are not met).

Eye damage

Causes serious eye irritation.

Classified as irritant to eyes according to OECD n° 405.

Not classified corrosive to eyes according to OECD n° 438.

Respiratory sensitisation

Not classified (the classification criteria are not met).

Germ cell mutagenicity

Not classified (the classification criteria are not met)

Carcinogenicity

Not classified (the classification criteria are not met)

Toxic for reproduction

Not classified (the classification criteria are not met)

Unique specific toxicity

Not classified (the classification criteria are not met)

Repeated specific toxicity

Not classified (the classification criteria are not met)

Aspiration hazard

Not classified (the classification criteria are not met)

Other information

Practical experience: None

General information: The classification was made according to the assessment procedure for preparations.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity, LC50 (calculated): 10 – 100 mg/l

Dose	(h) (d)	Species	Method
Substance: Alcohols, C12-16, ethoxylated - CAS No. : 68551-12-2			
LC50: 2.2 mg/l	96h	Danio rerio	OCDE 203
EC50: 0.39 mg/l	48h	Daphnia magna	92/69/EWG



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EC50: 0.19 mg/l	72h	Pseudokirchneriella subcapitata	OCDE 201
EC50: > 10000 mg/l	16.9h	Pseudomonas putida	DIN 38412
LC50: > 1000 mg/Kg	14d	Eisenia fetida	OCDE 207
CSEO: 100 mg/Kg	19d	Triticum aestivum	OCDE 208
CSEO: 100 mg/Kg	19d	Brassica alba	OCDE 208
CSEO: 100 mg/Kg	19d	Lepidium sativum	OCDE 208
Cocamidopropyl betaine - CAS No. : 61789-40-0			
LC50: 1.11 mg/l	96h	Pimephales promelas	OCDE 203
EC50: 1.9 mg/l	48h	Daphnia magna	OCDE 202
ErC50: 2.4 mg/l	72h	Skeletonema costatum	
EC50: 3000 mg/l	16h	Pseudomonas putida	EN ISO 1712
CSEO: 0.135 mg/l	37d	Oncorhynchus mykiss	OCDE 210
CSEO: 0.3 mg/l	21d	Daphnia magna	OCDE 211
CSEO: 0.6 mg/l	72h	Skeletonema costatum	
CSEO: ≥ 846 mg/Kg	14d	Eisenia fetida	
CSEO: 84.4 mg/Kg	17d	Brassica alba	OCDE 208

12.2. Persistence and degradability

The organic ingredients are readily biodegradable according to the OECD 301 methods

Substance	CAS No.	Method	Result	Duration
Alcohols, C12-16, ethoxylated (>5 - <15 EO)	68551-12-2	OCDE 301F	95%	28 days
Cocamidopropyl betaine	61789-40-0	OCDE 301B	91.6%	28 days

12.3. Bioaccumulative potential

Not available

12.4. Mobility in soil

Not available

12.5. Results of PBT and vPvB assessment

Not available

12.6. Other adverse effects

Not available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose in accordance with local and national regulations.

13.2. Waste code numbers/Waste identification

No data available

SECTION 14: Transport information

14.1 UN-Number

DOT, ADR, IMDG, IATA Not regulated

14.2 UN proper shipping name

DOT, ADR, IMDG, IATA Not regulated

14.3 Transport hazard class(es)

DOT, ADR, IMDG, IATA Not regulated

14.4 Packing group

DOT, ADR, IMDG, IATA Not regulated



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According to OSHA Hazard Communication Standard (29 CFR 1910.1200)

14.5 Environmental hazards:

Marine pollutant: No

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

OSHA Status

This product is a "hazardous chemical" as defined by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Toxic Substances Control Act (TSCA)

All the ingredients are listed on the Chemical Substance Inventory.

SARA 302 Emergency Planning Extremely Hazardous Substance Threshold Planning Quantity (40 CFR 365)

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 304 Extremely Hazardous Substances Reportable Quantity

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

SARA 313 Toxic Chemicals (40 CFR 372.65)

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.

SARA 311/312 Hazards

Acute health Hazard

Massachusetts Right To Know Components

None listed

Pennsylvania Right To Know Components

None listed

New Jersey Right To Know Components

None listed

California Prop. 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

California Cleaning Product Right to Know Act of 2017 (SB 258)

Chemical name	CAS number	Function	Designated list
Water	7732-18-5	Diluent	Not applicable
Alcohols, C12-C16, ethoxylated	68551-12-2	Surfactant - cleaning agent	Not applicable
Cocamidopropyl betaine	61789-40-0	Surfactant - cleaning agent	Not applicable
Sodium acetate anhydrous	127-09-3	Buffer	Not applicable
Fragrance ingredients	Not available	Fragrance	Not applicable
Non-pathogenic bacteria (Bacillus sp.)	Not applicable	Fat degradation	Not applicable



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Lipase	9001-62-1	Enzyme	Not applicable
Blue #1	3844-45-9	Colorant	Not applicable
Methylchloroisothiazolinone	26172-55-4	Preservative	Not applicable
Methylisothiazolinone	2682-20-4	Preservative	Not applicable

Refer to <http://innuscience.com/usa/> for the electronic links to designated lists.

SECTION 16: Other information

16.1. Indication of changes (Additions, Deletions, Revisions)

Creation date: 28/06/16

Revision date: 02/01/20

Indication on changes:

HMIS Rating

Health hazard: 1

Chronic Health Hazard:

Flammability: 0

Physical Hazard 0

NFPA Rating

Health hazard: 1

Fire Hazard: 0

Reactivity Hazard: 0

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.

