

FICHE DE DONNÉES DE SÉCURITÉ

Conformément au règlement sur les produits dangereux (RPD)

Nom chimique	Règlement sur la santé et la sécurité au travail (RSST)			
	VEMP		VECD	
	ppm	mg/m ³	ppm	mg/m ³
Amino-2 éthanol	3	7.5	6	15

VEMP: Valeur d'exposition moyenne pondérée

VECD: Valeur d'exposition de courte durée

Contrôles d'ingénierie appropriés : Sans objet

Mesures de protection individuelle



Voies respiratoires : Aucune protection respiratoire n'est nécessaire en général.

Peau : Porter des gants résistants aux produits chimiques et des vêtements de protection. Se laver les mains soigneusement après manipulation.

Yeux : Porter des lunettes de sécurité.

SECTION 9: PROPRIÉTÉS PHYSIQUES ET CHIMIQUES

Apparence : Liquide incolore

Odeur : Inodore

Seuil d'odeur : Sans objet

pH : 10.0 - 11.0

Point de fusion / congélation : Pas de données

Point d'ébullition : Pas de données

Point éclair : Pas de données

Taux d'évaporation : Pas de données

Inflammabilité : Sans objet

Limite inférieure d'explosivité : Sans objet

Limite supérieure d'explosivité : Sans objet

Tension de vapeur : Pas de données

Densité de vapeur : Pas de données

Densité relative : 1.01 - 1.03

Solubilité dans l'eau : Miscible dans l'eau

Coefficient de partage n-octanol/eau : Pas de données

Température d'auto-inflammabilité : Pas de données

Température de décomposition : Pas de données

Viscosité cinématique : < 10 cSt

SECTION 10: STABILITÉ ET RÉACTIVITÉ

Réactivité : Aucune réactivité connue.

Stabilité chimique : La couleur du produit peut changer avec le temps, mais sans impact sur sa performance.

Risque de réactions dangereuses : Aucune connue.

Conditions à éviter : Éviter la chaleur et la lumière directe du soleil pour préserver la qualité du produit.

Matières incompatibles : Acides forts

Produits de décomposition dangereux : Aucun produit de décomposition dangereux connu.

SECTION 11: DONNÉES TOXICOLOGIQUES

Voies d'exposition probables : Ingestion - Contact avec la peau et les yeux.

Toxicité aiguë : Non classé (les critères de classification ne sont pas remplis).

Conformément au règlement sur les produits dangereux (RPD)

DL50 > 5000 mg/Kg (orale/rat) (donnée calculée)

DL50 > 5000 mg/Kg (cutanée/rat) (donnée calculée)

Irritation et corrosion de la peau : Provoque de graves brûlures de la peau.

Irritation et lésions oculaires graves : Provoque de graves lésions des yeux.

Sensibilisation respiratoire ou cutanée : Non classé (les critères de classification ne sont pas remplis).

Toxicité pour certains organes cibles : Non classé (les critères de classification ne sont pas remplis).

Cancérogénicité : Non classé (les critères de classification ne sont pas remplis).

Toxique pour la reproduction : Non classé (les critères de classification ne sont pas remplis).

Mutagénicité sur les cellules germinales : Non classé (les critères de classification ne sont pas remplis)

SECTION 12: DONNÉES ÉCOLOGIQUES

Écotoxicologie aquatique : Toxicité aiguë, CL50 (calculée) : 10 - 100 mg/l

Écotoxicologie terrestre : Pas de données

Persistance et dégradation : Les ingrédients organiques sont facilement biodégradables selon les méthodes 301 de l'OCDE.

Potentiel de bioaccumulation : Non disponible

Mobilité dans le sol : Non disponible

Autres effets néfastes : Non disponible

SECTION 13: DONNÉES SUR L'ÉLIMINATION

Élimination des résidus : Éliminer le contenu ou le récipient selon les recommandations du bureau régional de l'autorité environnementale ayant juridiction.

SECTION 14: INFORMATIONS RELATIVES AU TRANSPORT

Le produit est réglementé pour le transport terrestre (TMD, DOT), aérien (IATA) et maritime (IMDG).

Numéro ONU: UN2491

Appellation réglementaire : Éthanolamine en solution

Classe de danger : 8

Groupe d'emballage : III

Quantité limitée : 5 litres

Dangers environnementaux : Sans objet

SECTION 15: INFORMATIONS SUR LA RÉGLEMENTATION

La classification du produit et la Fiche de données de sécurité ont été élaborées conformément au RPD.

SECTION 16: AUTRES INFORMATIONS

Fiche rédigée par : Innu-Science Canada Inc.

Tél. : +1 450-922-4666

Date d'émission : 22 février 2018

Date de révision : -

NU-VIKING™ AT USAGE RATE

SECTION 1: IDENTIFICATION

Product name	NU-VIKING™ AT USAGE RATE
Product codes	16227 / 16228
Uses	Ecological concentrated floor stripper
Restricted use	Not available
Supplier	
Name	Innu-Science Canada Inc.
Address	1777, rue Nobel, suite F Sainte-Julie (Québec), J3E 1Z6, Canada
Telephone	+1 450-922-4666
Telefax	+1 450-922-7776
Contact email	ali.kademi@innuscience.com
Emergency telephone number	Canutec - 24 hours emergency contact no 613-996-6666 Quebec Centre antipoison (24 h service) Quebec: (418) 656-8090 Other regions: (800) 463-5060

SECTION 2: HAZARDS IDENTIFICATION

Product classification

GHS Classification in accordance with the Hazardous Products Regulations (HPR)

Serious eye damage/eye irritation	category 1
Skin corrosion/irritation	category 2

Hazards pictograms



Signal word

DANGER

Hazards

Causes serious eye damage
Causes skin irritation.

Precautionary statements

Prevention

Wear eye protection

Response

IF IN EYES: 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. Immediately call a POISON CENTER or doctor.
IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical attention.

Storage

None

Disposal

None

Other hazards

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS number	(%) (w/w)
2-Aminoethanol	141-43-5	1 - 3
2-Phenoxyethanol	122-99-6	1 - 3
Diethylene glycol monobutyl ether	112-34-5	1 - 5

SECTION 4: FIRST AID MEASURES

Inhalation: Move to fresh air. Get medical attention if you feel unwell.

Skin contact: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical attention.

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

Ingestion: Rinse mouth. Call a POISON CENTER or a doctor if you feel unwell.

Most important symptoms and effects

Symptoms: No data available

Effects: No data available

Indication of any immediate medical attention and special treatment needed: Treat according to symptoms.

SECTION 5: FIREFIGHTING MEASURES

Suitable extinguishing media: This product is not combustible. In case of fire, use extinguishing media appropriate to surrounding fire conditions.

Unsuitable extinguishing media: No data available

Special hazards arising from the product: No data available

Hazardous combustion products: No hazardous decomposition products known.

Advice for firefighters: Wear appropriate apparatus of breathing and protective clothing

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear appropriate personal protective equipment for cleaning (gloves and safety glasses).

Methods and material for containment and cleaning up: Clean contaminated sites immediately. Avoid release into the environment.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with eyes and skin. Wear appropriate personal protective equipment. Wash hands thoroughly after handling.

Conditions for safe storage: Store in a cool place.

Incompatibilities: Keep away from incompatible materials described in Section 10.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limit values:

SAFETY DATA SHEET

In accordance with the Hazardous Products Regulations (HPR)

Chemical name	Regulation respecting occupational health and safety (RROHS)			
	TWA		STEV	
2-Aminoethanol	ppm	mg/m ³	ppm	mg/m ³
	3	7.5	6	15

TWA: Time-weighted average value.

STEV: Short term exposure value.

Appropriate engineering controls: Not applicable

Personal protection measures



Respiratory protection: Respiratory protection is not required in general.

Skin: Wear chemical resistant gloves. Wash hands thoroughly after handling.

Eye: Wear safety glasses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless liquid

Odour: Odorless

Odor threshold: Not applicable

pH: 10.0 - 11.0

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: 1.00 - 1.03

Water solubility: Easily soluble in water

Log Kow: No data available

Auto-inflammability temperature: No data available

Decomposition temperature: No data available

Cinematic viscosity: < 10 cSt

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Unknown

Chemical stability: The colour of the product may change with time, but with no impact on performance.

Possibility of hazardous reactions: None under normal processing.

Conditions to avoid: Avoid heat and the direct sunlight to preserve the quality of the product.

Incompatible materials: Strong acids

Hazardous decomposition products: No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

Possible routes of exposure: Ingestion - Contact with skin and eyes.

Acute toxicity: Not classified (the classification criteria are not met).

LD50 > 5000 mg/Kg (oral/rat) (calculated)

SAFETY DATA SHEET



In accordance with the Hazardous Products Regulations (HPR)

LD50 > 5000 mg/Kg (dermal/rat) (calculated)

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Causes serious eye damage.

Respiratory or skin sensitization: Not classified (the classification criteria are not met).

Specific target organ systemic toxicity: Not classified (the classification criteria are not met).

Carcinogenicity: Not classified (the classification criteria are not met).

Toxicity for reproduction: Not classified (the classification criteria are not met).

Germ cell mutagenicity: Not classified (the classification criteria are not met).

SECTION 12: ECOLOGICAL INFORMATION

Aquatic ecotoxicology: Aquatic toxicity, LC50 (calculated): > 100 mg/l

Terrestrial ecotoxicology: No data available

Persistence and degradability: The organic ingredients are readily biodegradable according to the OECD 301 methods.

Bioaccumulative potential: No data available

Mobility in soil: No data available

Other adverse effects: No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods: Dispose of contents or containers in accordance with the regional office of the environmental authority with jurisdiction.

SECTION 14: TRANSPORT INFORMATION

The product is not regulated for TDG, DOT, IATA and IMDG.

SECTION 15: REGULATORY INFORMATION

The product classification and the Safety Data Sheet have been developed in accordance with the HPR.

SECTION 16: OTHER INFORMATION

Created by: Innu-Science Canada Inc.

Telephone: +1 450-922-4666

Date of issue: February 22nd 2018

Revision date: -



NU-VIKING™ CONCENTRATE

SECTION 1: IDENTIFICATION

Product name	NU-VIKING™ CONCENTRATE
Product codes	16227 / 16228
Uses	Ecological concentrated floor stripper
Restricted use	Not available
Supplier	
Name	Innu-Science Canada Inc.
Address	1777, rue Nobel, suite F Sainte-Julie (Québec), J3E 1Z6, Canada
Telephone	+1 450-922-4666
Telefax	+1 450-922-7776
Contact email	ali.kademi@innuscience.com
Emergency telephone number	Canutec - 24 hours emergency contact no 613-996-6666 Quebec Centre antipoison (24 h service) Quebec: (418) 656-8090 Other regions: (800) 463-5060

SECTION 2: HAZARDS IDENTIFICATION

Product classification

GHS Classification in accordance with the Hazardous Products Regulations (HPR)

Skin corrosion/irritation category 1

Hazards pictograms



Signal word

DANGER

Hazards

Causes severe skin burns and eye damage.

Precautionary statements

Prevention

Wear protective gloves, protective clothing and eye/face protection.
Wash hands thoroughly after handling.

Response

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
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 or doctor.

Storage

Store locked up.

Disposal

Dispose of contents/container in accordance with local and national regulations.

Other hazards

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS number	(%) (w/w)
2-Aminoethanol	141-43-5	10 - 15
2-Phenoxyethanol	122-99-6	5 - 10
Diethylene glycol monobutyl ether	112-34-5	15 - 20
Sodium octane-1-sulphonate monohydrate	5324-84-5	1 - 3

SECTION 4: FIRST AID MEASURES

Inhalation: Move to fresh air. Get medical attention if you feel unwell.

Skin contact (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor

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

Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.

Most important symptoms and effects

Symptoms: No data available

Effects: No data available

Indication of any immediate medical attention and special treatment needed: Treat according to symptoms.

SECTION 5: FIREFIGHTING MEASURES

Suitable extinguishing media: This product is not combustible. In case of fire, use extinguishing media appropriate to surrounding fire conditions.

Unsuitable extinguishing media: No data available

Special hazards arising from the product: No data available

Hazardous combustion products: No hazardous decomposition products known.

Advice for firefighters: Wear appropriate apparatus of breathing and protective clothing

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear appropriate personal protective equipment for cleaning (gloves, protective clothing and safety glasses).

Methods and material for containment and cleaning up: Clean contaminated sites immediately. Avoid release into the environment.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with eyes and skin. Wear appropriate personal protective equipment. Wash hands thoroughly after handling.

Conditions for safe storage: Store in a cool place.

Incompatibilities: Keep away from incompatible materials described in Section 10.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limit values:

SAFETY DATA SHEET

In accordance with the Hazardous Products Regulations (HPR)

Chemical name	Regulation respecting occupational health and safety (RROHS)			
	TWA		STEV	
2-Aminoethanol	ppm	mg/m ³	ppm	mg/m ³
	3	7.5	6	15

TWA: Time-weighted average value

STEV: Short term exposure value

Appropriate engineering controls: Not applicable

Personal protection measures



Respiratory protection: Respiratory protection is not required in general.

Skin: Wear chemical resistant gloves and protective clothing. Wash hands thoroughly after handling.

Eye: Wear safety glasses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless liquid

Odour: Odorless

Odor threshold: Not applicable

pH: 10.0 - 11.0

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 - 1.03

Water solubility: Easily soluble in water

Log Kow: No data available

Auto-inflammability temperature: No data available

Decomposition temperature: No data available

Cinematic viscosity: < 10 cSt

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Unknown

Chemical stability: The colour of the product may change with time, but with no impact on performance.

Possibility of hazardous reactions: None under normal processing.

Conditions to avoid: Avoid heat and the direct sunlight to preserve the quality of the product.

Incompatible materials: Strong acids

Hazardous decomposition products: No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

Possible routes of exposure: Ingestion - Contact with skin and eyes.

Acute toxicity: Not classified (the classification criteria are not met).

LD50 > 5000 mg/Kg (oral/rat) (calculated)

SAFETY DATA SHEET



In accordance with the Hazardous Products Regulations (HPR)

LD50 > 5000 mg/Kg (dermal/rat) (calculated)

Skin corrosion/irritation: Causes severe skin burns.

Serious eye damage/eye irritation: Causes serious eye damage.

Respiratory or skin sensitization: Not classified (the classification criteria are not met).

Specific target organ systemic toxicity: Not classified (the classification criteria are not met).

Carcinogenicity: Not classified (the classification criteria are not met).

Toxicity for reproduction: Not classified (the classification criteria are not met).

Germ cell mutagenicity: Not classified (the classification criteria are not met).

SECTION 12: ECOLOGICAL INFORMATION

Aquatic ecotoxicology: Aquatic toxicity, LC50 (calculated): 10 - 100 mg/l

Terrestrial ecotoxicology: No data available

Persistence and degradability: The organic ingredients are readily biodegradable according to the OECD 301 methods.

Bioaccumulative potential: No data available

Mobility in soil: No data available

Other adverse effects: No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods: Dispose of contents or containers in accordance with the regional office of the environmental authority with jurisdiction.

SECTION 14: TRANSPORT INFORMATION

The product is regulated for TDG, DOT, IATA and IMDG.

UN number: UN2491

Proper shipping name: Ethanolamine solution

Hazard class: 8

Packing group: III

Limited quantity: 5 liters

Environmental hazards: Not applicable

SECTION 15: REGULATORY INFORMATION

The product classification and the Safety Data Sheet have been developed in accordance with the HPR.

SECTION 16: OTHER INFORMATION

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Revision date: -

