

# SAFETY DATA SHEET



## TRANSMATE™ WHISTLE CLEAN WHEEL CLEANER

Version 1.1      Revision Date: 04/26/2023      SDS Number: 600000002109      Date of last issue: 12/13/2020  
Date of first issue: 12/13/2020

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### SECTION 1. IDENTIFICATION

Product name : TM WHISTLE CLEAN WHL CLNR 55 GA  
Product code : TM047-55

#### Manufacturer or supplier's details

Company name of supplier : Niteo Products, LLC  
Address : North American Centre 4711 Yonge Street, 10th Floor Toronto, ON M2N 6K8, Canada  
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 : WHEEL CLEANER  
Restrictions on use : Use only outdoors or in a well-ventilated area.

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS classification in accordance with the Hazardous Products Regulations

Corrosive to metals : Category 1  
Skin corrosion : Category 1A  
Serious eye damage : Category 1  
Specific target organ toxicity - repeated exposure (Inhalation) : Category 2 (Respiratory Tract)

#### GHS label elements

Hazard pictograms :

Signal word : Danger

Hazard statements : May be corrosive to metals.  
Causes severe skin burns and eye damage.  
May cause damage to organs (Respiratory Tract) through pro-

# SAFETY DATA SHEET



## TRANSMATE™ WHISTLE CLEAN WHEEL CLEANER

Version 1.1      Revision Date: 04/26/2023      SDS Number: 600000002109      Date of last issue: 12/13/2020  
Date of first issue: 12/13/2020

longed or repeated exposure if inhaled.

Precautionary statements :

**Prevention:**

Keep only in original packaging.  
Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  
Wash skin thoroughly after handling.  
Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:**

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
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.  
Get medical advice/ attention if you feel unwell.  
Wash contaminated clothing before reuse.  
Absorb spillage to prevent material damage.

**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

**Hazardous components**

Chemical name	CAS-No.	Concentration (% w/w)
Sodium hydroxide	1310-73-2	5.2409
2-Butoxyethanol	111-76-2	5.149
Tetrasodium EDTA	64-02-8	3.2334
Polyphosphoric acids, esters with polyethylene glycol decyl ether	68458-48-0	2.5537
Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, ethoxylated, chlorides	61791-10-4	1.7796
D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	1.2897

### SECTION 4. FIRST AID MEASURES

# SAFETY DATA SHEET



## TRANSMATE™ WHISTLE CLEAN WHEEL CLEANER

Version 1.1      Revision Date: 04/26/2023      SDS Number: 600000002109      Date of last issue: 12/13/2020  
Date of first issue: 12/13/2020

---

- General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.
- If inhaled : 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.  
If skin irritation persists, call a physician.
- In case of eye contact : 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 : Causes serious eye damage.  
May cause damage to organs through prolonged or repeated exposure if inhaled.  
Causes severe burns.

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### SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : Sodium oxides  
Carbon oxides  
Nitrogen oxides (NO<sub>x</sub>)
- 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

# TRANSMATE™ WHISTLE CLEAN WHEEL CLEANER

Version 1.1      Revision Date: 04/26/2023      SDS Number: 600000002109      Date of last issue: 12/13/2020  
Date of first issue: 12/13/2020

be disposed of in accordance with local regulations.

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

## SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment. 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 respective authorities.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

## SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Do not breathe vapours/dust. Do not smoke. Avoid contact with skin and eyes. 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.
- 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

# SAFETY DATA SHEET



## TRANSMATE™ WHISTLE CLEAN WHEEL CLEANER

Version 1.1      Revision Date: 04/26/2023      SDS Number: 600000002109      Date of last issue: 12/13/2020  
 Date of first issue: 12/13/2020

Sodium hydroxide	1310-73-2	(c)	2 mg/m3	CA AB OEL
		C	2 mg/m3	CA BC OEL
		C	2 mg/m3	CA QC OEL
		C	2 mg/m3	ACGIH
2-Butoxyethanol	111-76-2	TWA	20 ppm 97 mg/m3	CA AB OEL
		TWA	20 ppm	CA BC OEL
		TWAEV	20 ppm 97 mg/m3	CA QC OEL
		TWA	20 ppm	ACGIH

### 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

**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 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  
 Remove and wash contaminated clothing before re-use.

**Hygiene measures** : 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

# SAFETY DATA SHEET



## TRANSMATE™ WHISTLE CLEAN WHEEL CLEANER

Version 1.1      Revision Date: 04/26/2023      SDS Number: 600000002109      Date of last issue: 12/13/2020  
Date of first issue: 12/13/2020

---

Appearance : liquid  
Colour : amber  
Odour : mild  
Odour Threshold : not determined  
pH : 13 - 14  
Melting point/freezing point : 0 °C  
Boiling point/boiling range : 100 °C  
Flash point : > 100 °C  
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 : 1.0550 g/cm<sup>3</sup>  
Solubility(ies)  
Water solubility : soluble  
Partition coefficient: n-octanol/water : not determined  
Decomposition temperature : not determined  
Viscosity  
Viscosity, dynamic : not determined  
Viscosity, kinematic : not determined  
Molecular weight : No data available

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.  
Chemical stability : No decomposition if stored and applied as directed.

# SAFETY DATA SHEET



## TRANSMATE™ WHISTLE CLEAN WHEEL CLEANER

Version 1.1      Revision Date: 04/26/2023      SDS Number: 600000002109      Date of last issue: 12/13/2020  
Date of first issue: 12/13/2020

---

Possibility of hazardous reactions : No decomposition if stored and applied as directed.  
Hazardous polymerisation does not occur.

Conditions to avoid : No data available

Incompatible materials : Strong oxidizing agents

Hazardous decomposition products : Nitrogen oxides (NOx)  
Carbon oxides

Hazardous decomposition products : Sodium oxides

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### 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: > 5,000 mg/kg  
Method: Calculation method  
Remarks: Causes digestive tract burns.

Acute inhalation toxicity : Acute toxicity estimate: > 10 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:

##### **Sodium hydroxide:**

Acute oral toxicity : LDLo (Rabbit): 500 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.

# SAFETY DATA SHEET



## TRANSMATE™ WHISTLE CLEAN WHEEL CLEANER

Version 1.1      Revision Date: 04/26/2023      SDS Number: 600000002109      Date of last issue: 12/13/2020  
Date of first issue: 12/13/2020

---

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

### **Tetrasodium EDTA:**

Acute oral toxicity : LD50 (Rat, female): 1,780 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 1 - 5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Remarks: Information given is based on data obtained from similar substances.

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg

### **D-Glucopyranose, oligomeric, decyl octyl glycosides:**

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg  
Assessment: No adverse effect has been observed in acute oral toxicity tests.

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

### **Skin corrosion/irritation**

Causes severe burns.

### **Product:**

Remarks: Causes severe skin burns and eye damage.

### **Components:**

#### **Sodium hydroxide:**

Result: Corrosive after 3 minutes or less of exposure

#### **2-Butoxyethanol:**

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

Result: Irritating to skin.

#### **Tetrasodium EDTA:**

Species: Rabbit

Result: No skin irritation

#### **Polyphosphoric acids, esters with polyethylene glycol decyl ether:**

Result: Corrosive after 1 to 4 hours of exposure

#### **D-Glucopyranose, oligomeric, decyl octyl glycosides:**

Result: No skin irritation



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CLEANER**

Version 1.1      Revision Date: 04/26/2023      SDS Number: 600000002109      Date of last issue: 12/13/2020  
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---

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Product:**

Remarks: May cause irreversible eye damage.

**Components:**

**Sodium hydroxide:**

Result: Corrosive

**2-Butoxyethanol:**

Result: Irritating to eyes.

Method: OECD Test Guideline 405

**Tetrasodium EDTA:**

Result: Irritating to eyes.

**Polyphosphoric acids, esters with polyethylene glycol decyl ether:**

Result: Corrosive

**Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, ethoxylated, chlorides:**

Result: Corrosive

**D-Glucopyranose, oligomeric, decyl octyl glycosides:**

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.

**Components:**

**Sodium hydroxide:**

Exposure routes: Skin contact

Species: Humans

Result: negative

**2-Butoxyethanol:**

Species: Guinea pig

Method: OECD Test Guideline 406

Result: Not a skin sensitizer.

# SAFETY DATA SHEET



## TRANSMATE™ WHISTLE CLEAN WHEEL CLEANER

Version 1.1      Revision Date: 04/26/2023      SDS Number: 600000002109      Date of last issue: 12/13/2020  
Date of first issue: 12/13/2020

---

### **Tetrasodium EDTA:**

Test Type: Maximisation Test  
Species: Guinea pig  
Assessment: Does not cause skin sensitisation.  
Method: OECD Test Guideline 406  
Remarks: Information given is based on data obtained from similar substances.

### **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

#### **Tetrasodium EDTA:**

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.

### **Reproductive toxicity**

Not classified based on available information.

### **STOT - single exposure**

Not classified based on available information.

### **STOT - repeated exposure**

May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure if inhaled.

### **Components:**

#### **Tetrasodium EDTA:**

Exposure routes: Inhalation  
Target Organs: Respiratory Tract  
Assessment: The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.

### **Aspiration toxicity**

Not classified based on available information.

### **Further information**

### **Product:**

Remarks: No data available

# TRANSMATE™ WHISTLE CLEAN WHEEL CLEANER

Version	Revision Date:	SDS Number:	Date of last issue: 12/13/2020
1.1	04/26/2023	600000002109	Date of first issue: 12/13/2020

## SECTION 12. ECOLOGICAL INFORMATION

### Toxicity

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

## 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.

## 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.  
 (Sodium Hydroxide, TETRASODIUM EDTA)  
 Class : 8  
 Packing group : II  
 Labels : 8  
 Packing instruction (cargo aircraft) : 855  
 Packing instruction (passenger aircraft) : 851

#### IMDG-Code

UN number : UN 1760  
 Proper shipping name : CORROSIVE LIQUID, N.O.S.  
 (Sodium Hydroxide, TETRASODIUM EDTA)  
 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

# SAFETY DATA SHEET



## TRANSMATE™ WHISTLE CLEAN WHEEL CLEANER

Version	Revision Date:	SDS Number:	Date of last issue: 12/13/2020
1.1	04/26/2023	600000002109	Date of first issue: 12/13/2020

---

### **TDG**

UN number	:	UN 1760
Proper shipping name	:	CORROSIVE LIQUID, N.O.S. (Sodium Hydroxide, TETRASODIUM EDTA)
Class	:	8
Packing group	:	II
Labels	:	8
ERG Code	:	154
Marine pollutant	:	no

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### **SECTION 15. REGULATORY INFORMATION**

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### **SECTION 16. OTHER INFORMATION**

Revision Date : 04/26/2023

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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