



SDS026

Confidence Plus 2™ Cleaner

SAFETY DATA SHEET

Chemical Product and Company Identification

LABEL IDENTIFIER: Confidence Plus 2™ Cleaner

PRODUCT IDENTIFIER: P/N 10009971 - Confidence Plus 2™ Cleaner

COMPANY IDENTIFICATION: MINE SAFETY APPLIANCES COMPANY
1100 Cranberry Woods Drive
Cranberry Township, PA 16066
CUSTOMER SERVICE: 1-800-MSA-2222 (8:30 a.m. – 5:00 p.m., USA local time)
EMERGENCY: 1-800-255-3924 (CHEM-TEL, INC.)

Vendor Information

A Safety Data Sheet as furnished by Walter G. LEGGE Company, Inc. for Confidence Plus™ Cleaner is attached. (11 pages)

Walter G. LEGGE Company, Inc. SDS REVISION DATE: 2/21/2020

Other Information

WARNING: This is a hazardous chemical product. By following the directions and warnings provided with this product, the hazards associated with the use of this product can be greatly reduced but never entirely eliminated. MSA Safety makes no warranties, expressed or implied, with respect to this product and EXPRESSLY DISCLAIMS THE WARRANTY OF MERCHANTABILITY AND ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. Users assume all risks in handling, using, or storing this product.

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according to US Regulation 29 CFR 1910.1200 and the Canadian
Confidence Plus 2



Version 1.0

Revision Date 21 FEB 2020

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SECTION 1. IDENTIFICATION

Product name : CONFIDENCE PLUS 2

Synonyms : NA

Manufacturer or supplier's details

Company : Walter G Legge Co., Inc.
444 Central Ave
Peekskill NY 10566
USA
Business Telephone 1-914-737-5040

E-mail address : info@leggesystems.com

Emergency telephone number : For US only CHEMTREC 1-800-424-9300

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity (Oral) : Category 4

Skin irritation : Category 2

Serious eye damage : Category 1

Short-term (acute) aquatic hazard : Category 1

Long-term (chronic) aquatic hazard : Category 2

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

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Precautionary statements

: **Prevention:**

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

P280 Wear protective gloves/ eye protection/ face protection.

Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

P302 + P352 IF ON SKIN: Wash with plenty of water.

P305 + P351 + P338 + P310 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.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P391 Collect spillage.

Disposal:

P501 Dispose of contents/container in accordance with local regulation.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical name / Synonyms	CAS-No.	Concentration (% w/w)
Didecyldimethylammonium chloride	7173-51-5	5 - 10
Ethanol	64-17-5	5 - 10
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	3 - 5
N,N-Dimethyloctylamine-N-oxide	2605-78-9	1 - 2.5

SECTION 4. FIRST AID MEASURES

If inhaled

: Move to fresh air.

If breathing is irregular or stopped, administer artificial respiration.

Give oxygen.

First aider needs to protect himself.

Call a physician immediately.

In case of skin contact

: Take off all contaminated clothing immediately.

After contact with skin, wash immediately with plenty of soap and water.

Call a physician immediately.

In case of eye contact

: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Call a physician immediately.

If swallowed

: Call a physician immediately.

Clean mouth with water and drink afterwards plenty of water.

Do not induce vomiting without medical advice.

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- Never give anything by mouth to an unconscious person.
- Most important symptoms and effects, both acute and delayed : No information available.
- Notes to physician : No information available.
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SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray
Dry powder
Foam
- Specific hazards during firefighting : Heating or fire can release toxic gas.
- Further information : Use water spray to cool unopened containers.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use respirator when performing operations involving potential exposure to vapour of the product.
- Environmental precautions : Do not flush into surface water or sanitary sewer system.
- 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).
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SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Take precautionary measures against static discharges.
- Advice on safe handling : Avoid contact with skin and eyes.
Provide sufficient air exchange and/or exhaust in work rooms.
- Conditions for safe storage : Keep container tightly closed and dry.
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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethanol	64-17-5	STEL	1,000 ppm	ACGIH

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		REL	1,000 ppm 1,900 mg/m ³	NIOSH/GUIDE
		PEL	1,000 ppm 1,900 mg/m ³	OSHA_TRANS
		TWA	1,000 ppm 1,900 mg/m ³	Z1A

Personal protective equipment

- Respiratory protection : In the case of vapour formation use a respirator with an approved filter.
- Hand protection
- Remarks : Wear suitable gloves. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).
- Eye protection : Tightly fitting safety goggles
Face-shield
- Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Rubber or plastic apron
Rubber or plastic boots
- Hygiene measures : Wash hands before breaks and immediately after handling the product.
Avoid contact with skin, eyes and clothing.
Remove and wash contaminated clothing and gloves, including the inside, before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : liquid
- Colour : clear, Color depends on dye added
- Odour : Varies with fragrance added
- Odour Threshold : no data available
- pH : 7.2 - 8.2
- Melting point/range : not determined
- Boiling point/boiling range : no data available
- Flash point : > 210.0 °F / > 98.9 °C
- Evaporation rate : no data available
- Flammability (solid, gas) : no data available
- Flammability (liquids) : no data available

Formulation HWS-128

Upper explosion limit	:	no data available
Lower explosion limit	:	no data available
Vapour pressure	:	no data available
Relative vapour density	:	no data available
Relative density	:	no data available
Water solubility	:	soluble
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	no data available
Decomposition temperature	:	no data available
Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	no data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Stable under recommended storage conditions.
Possibility of hazardous reactions	:	None known. Stable
Conditions to avoid	:	None known.
Incompatible materials	:	Strong oxidizing agents Reducing agents
Hazardous decomposition products	:	Thermal decomposition can lead to release of irritating gases and vapours.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	:	Eyes Skin Inhalation Ingestion
Acute toxicity		
Acute oral toxicity	:	LD50 (Rat): 1,270 mg/kg Test substance: Information given is based on data obtained from similar substances.
Acute dermal toxicity	:	LD50 (Rabbit): 3,150 mg/kg Test substance: Information given is based on data obtained from similar substances.

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Skin corrosion/irritation

Species: Rabbit

Result: Severe skin irritation

Test substance: Information given is based on data obtained from similar substances.

Serious eye damage/eye irritation

Species: Rabbit

Result: Causes eye burns.

Carcinogenicity

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.

ACGIH

Confirmed animal carcinogen with unknown relevance to humans
Ethanol

64-17-5

Further information

Remarks: No data is available on the product itself.

Information given is based on data obtained from similar substances.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

no data available

Persistence and degradability

no data available

Bioaccumulative potential

Components:

Ethanol:

Partition coefficient: n-octanol/water : log Pow: -0.3

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides:

Partition coefficient: n-octanol/water : log Pow: 2.75 (20 °C)

Method: OECD Test Guideline 107

GLP: yes

Mobility in soil

no data available

Other adverse effects

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- Ozone-Depletion Potential : Regulation: US. EPA Clean Air Act (CAA) Section 602 Ozone-Depleting Substances (40 CFR 82, Subpt. A, App A & B)
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
- Additional ecological information : No data is available on the product itself.
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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

- Waste from residues : Dispose of in accordance with local regulations.
- Contaminated packaging : Dispose of as unused product.
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SECTION 14. TRANSPORT INFORMATION

DOT

- UN number** : 1760
- Proper shipping name** : Corrosive liquids, n.o.s.
(Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides, Didecyldimethylammonium chloride)
- Transport hazard class** : 8
- Packing group** : II
- Labels : 8
- Emergency Response Guidebook Number : 154
- Environmental hazards** : no

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TDG

UN number : 1760
Proper shipping name : CORROSIVE LIQUID, N.O.S.
(Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides, Didecyldimethylammonium chloride)
Transport hazard class : 8
Packing group : II
Labels : 8
Environmental hazards : no

IATA

UN number : 1760
Proper shipping name : Corrosive liquid, n.o.s.
(Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides, Didecyldimethylammonium chloride)
Transport hazard class : 8
Packing group : II
Labels : 8
Environmental hazards : no

IMDG

UN number : 1760
Proper shipping name : Corrosive liquid, n.o.s.
(Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides, Didecyldimethylammonium chloride)
Transport hazard class : 8
Packing group : II
Labels : 8
EmS Number 1 : F-A
EmS Number 2 : S-B
Environmental hazards : Marine pollutant: no

ADR

UN number : 1760
Proper shipping name : CORROSIVE LIQUID, N.O.S.
(Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides, Didecyldimethylammonium chloride)
Transport hazard class : 8
Packing group : II
Classification Code : C9
Hazard Identification Number : 80
Labels : 8
Environmental hazards : no

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RID

UN number	: 1760
Proper shipping name	: CORROSIVE LIQUID, N.O.S. (Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides, Didecyldimethylammonium chloride)
Transport hazard class	: 8
Packing group	: II
Classification Code	: C9
Hazard Identification Number	: 80
Labels	: 8
Environmental hazards	: no
Special precautions for user	: none
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	: Not applicable

SECTION 15. REGULATORY INFORMATION

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals.

EPA Registration number	:47371-130-4204
Signal word	:DANGER!
Hazard statements	: Harmful if absorbed through skin. Harmful if swallowed. Harmful if inhaled. Corrosive. Causes skin burns. Corrosive - causes irreversible eye damage.

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

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Ethanol	64-17-5	100	2000

SARA 304 Extremely Hazardous Substances Reportable Quantity

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

SARA 311/312 Hazards

See above: SECTION 2. Hazard Identification-GHS Classification

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.

Clean Air Act

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This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

Components	CAS-No.	Concentration
Ethanol	64-17-5	>= 5 - < 10 %

This product does not contain any VOC exemptions listed under the U.S. Clean Air Act Section 450.

Clean Water Act

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations

Massachusetts Right To Know

Components	CAS-No.
Ethanol	64-17-5

Pennsylvania Right To Know

Components	CAS-No.
Water	7732-18-5
Didecyldimethylammonium chloride	7173-51-5
Ethanol	64-17-5
Trisodium hydrogen ethylenediaminetetraacetate	150-38-9
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1

California Prop. 65

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

Canadian lists

NPRI

Canadian National Pollutant Release Inventory (NPRI): No component is listed on NPRI.

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SECTION 16. OTHER INFORMATION

Full text of other abbreviations

ACGIH	:	US. ACGIH Threshold Limit Values
NIOSH/GUIDE	:	US. NIOSH: Pocket Guide to Chemical Hazards
OSHA_TRANS	:	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)
Z1A	:	US. OSHA Table Z-1-A (29 CFR 1910.1000)

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 21 FEB 2020

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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