

Safety Data Sheet

WinKlean 2334

SECTION I - IDENTIFICATION



Win Solutions, Inc.
109 Pine Street
Lexa, AR 72355
(800) 489-0470
ChemTel, Inc. :..... (800) 255-3924

Product Number 2334
Product Name WinKlean 2334
Chemical Family Spray Wash Alkaline Cleaner
CAS Number 1310-58-3
Date Prepared 7/22/2015
Revision Number

SECTION II - HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

Classification

Corrosive to Metals	Category 1
Skin Corrosion/Irritation	Category 3
Sensitization, Respiratory	Category 1

DANGER!

GHS LABEL:



Hazard Statements

H290	May be corrosive to metals
H316	Causes mild skin irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled

Safety Data Sheet

WinKlean 2334

Precautionary Statements

P234	Keep only in original container.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P285	In case of inadequate ventilation wear respiratory protection.
P304+341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P332+313	If skin irritation occurs: get medical advice/attention.
P342+311	Call a POISON CENTER or doctor/physician.
p390	Absorb spillage to prevent material damage.
P404	Store in a closed container.
P501	Dispose of contents/container to an approved waste disposal plant.

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

Component Name	CAS #	Component%	OSHA PEL	ACGIH TLV
Caustic Potash, 45%	1310-58-3	<30%	2 mg/m ³ , Ceiling	2 mg/m ³ , Ceiling

SECTION IV - FIRST AID MEASURES

Contact with eyes: Flush with water for 15 minutes. Seek immediate medical attention.

Skin contact: Wash exposed areas with water and mild soap. Remove contaminated clothing immediately and launder before reuse. If irritations persist, seek immediate medical attention.

Inhalation: Remove victim to fresh air. Administer oxygen or artificial respiration if breathing is affected or stopped. Seek immediate medical attention.

Ingestion: If swallowed. Do not induce vomiting. Seek immediate medical attention. Give large quantities of water. Never give anything by mouth to an unconscious person.

SECTION V - FIREFIGHTING MEASURES

Suitable Extinguishing Media:

Special Fire Fighting Procedures

Safety Data Sheet

WinKlean 2334

Unusual Fire Fighting Hazards:

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Evacuate all unprotected personnel from the area.

Environmental Precautions: Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Notify proper authorities.

Methods for Cleaning Up: Take up with absorbent material and place in containers for later disposal.

SECTION VII - HANDLING AND STORAGE

- Handling and Storage:**
- Avoid prolonged breathing of mist or vapor. Wash thoroughly after handling.
 - Store out of direct sunlight and in a cool, well-ventilated area.
 - Aluminum equipment should not be used in the storage and/or transfer. Contact with aluminum parts in a pressurizable fluid system may cause violent reactions.
 - Wash thoroughly after handling.
 - Avoid contact with eyes.

SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Caustic Potash, 45%	1310-58-3	2 mg/m ³ , Ceiling	2 mg/m ³ , Ceiling

Engineering Controls: Adequate local or mechanical to reduce vapor or mist to below the PEL or TLV.

Monitoring: Wash hands prior to eating, drinking or using the restroom.
Have eye wash stations and safety showers readily available.
Any clothing or shoes which became contaminated with the product should be removed immediately and thoroughly laundered before wearing again.
Follow accepted work practices for handling a corrosive material.

Personal Protective Equipment (PPE)

Eye Protection:

Skin Protection:

Safety Data Sheet

WinKlean 2334

Respiratory Protection:

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Amber Liquid
Odor	Light Caustic Odor
pH@25°C	<14
Melting/Freezing Point	<32°F Freezing
Flashpoint	N/A
Specific Gravity	1.19
Solubility	Complete
Auto-Ignition Temperature	None
Decomposition Temperature	N/A
VOC Content	N/A
Odor Threshold	N/A
Boiling Range	212°F
Evaporation Point	N/A
Flammable Limits - Upper	N/A
Flammable Limits - Lower	N/A
Vapor Pressure	N/A
Vapor Density (Air=1)	N/A
Viscosity	N/A

SECTION X - STABILITY AND REACTIVITY

Stability: Stable, under normal conditions of storage and handling.

Conditions to Avoid: Acids.
Keep from freezing.

Hazardous Decomposition/Byproducts: None known

Hazardous Polymerization: Will not occur.

Polymerization Conditions to Avoid: None

Incompatibilities: Strong acids and oxidizers

Safety Data Sheet

WinKlean 2334

SECTION XI - TOXICOLOGICAL INFORMATION

Likely Route of Exposure: Contact and inhalation; ingestion possible.

Inhalation: Breathing spray or mists can be harmful.
Can cause damage to nasal and respiratory passages.

Eye Contact: Causes eye irritation including stinging, watering and redness which may result in corneal injury.
Prolonged contact can result in chemical burns and permanent tissue damage.

Skin Contact: Contact may cause mild skin irritation including redness, burning and drying/cracking of the skin.
Repeated contact can lead to skin sensitization.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Toxicity:

Component Name	LD50	LC50
Caustic Potash, 45%	Oral - Rat - 333 mg/kg	Not Established

Reproductive Effects	Teratogenicity	Mutagenicity	Embryotoxicity	Sensitization to Product	Synergistic Products
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity: Information not available.

Mobility: Information not available.

Degradability: Information not available.

BioAccumulation: Information not available.

SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Observe and follow all federal, state and local regulations.

Safety Data Sheet

WinKlean 2334

SECTION XIV - TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

Proper Shipping Name: Compound, Cleaning, Liquid

Contains: Potassium Hydroxide

Hazard Class and Label: 8, Corrosive

Identification Number:

Packaging Group: III

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:..... The components of this product are listed on the TSCA Inventory

SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:

Acute	Chronic	Fire	Pressure	Reactive
N/A	N/A	N/A	N/A	X

SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

Component Name	CAS #	% by wt.
	1310-58-3	<30%

CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

Component Name	CAS #	% by wt.	RQ (lbs.)
Potassium Hydroxide	1310-58-3	<30%	1,000

CALIFORNIA PROPOSITION 65:

No chemicals in this material are subject to the reporting requirements.

SECTION XVI - OTHER INFORMATION

HMIS Health: 2

HMIS Flammability: 0

HMIS Reactivity: 1

Additional: The information contained in this SDS has been prepared based upon data believed to be reliable, an evaluation of the ingredients in the product, their concentration in the product and potential interactions. The information is offered in good faith and is believed to be reliable and reflects our best professional judgement. Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequence of it's

Safety Data Sheet

WinKlean 2334

use. It is furnished to our customer who is urged to study it carefully to become aware of hazards, if any, in the storage, handling, use and disposal of the product; and to insure his/her employee's are properly informed and advised of all safety precautions required. Use or dissemination of all or part of this information for any other purpose is prohibited by law.