

Domolish K-95



Technical Dossier

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S H E P A R D B R O S . I N C .

DOMOLISH K-95

Liquid Alkaline Cleaner

PRODUCT DESCRIPTION

DOMOLISH K-95 liquid, “self-foaming”, high alkaline cleaner is a general cleaning compound designed for use in all food industries. **DOMOLISH K-95** will penetrate and assist in the removal of most food soils, including greases, oils, blood, and sugars. **DOMOLISH K-95** contains a combination of synergistic surfactants and alkaline builders.

DOMOLISH K-95 is applicable to all food industries and can be used in foam, pressure wash, steam, and manual operations to assist in soil removal from processing equipment, floors, walls, and ceiling fixtures.

USE PROCEDURE

In foam, steam, or manual operations, use **DOMOLISH K-95** at a concentration of 1:20 to 1:60. In pressure wash operations, use **DOMOLISH K-95** at a concentration of 1:80 to 1:120. However, if heavy soil conditions require, the use concentration may be increased.

Consult your Shepard Bros., Inc. Representative for additional information.

DISPENSING

DOMOLISH K-95 can be applied through most pressure washers, steam units, and foam dispensing systems.

PROPERTIES AND SAFE HANDLING

A Safety Data Sheet containing detailed information regarding the properties and safe handling of **DOMOLISH K-95** is available on request and should be reviewed prior to using this product.

(Rev. 02/17)

The technical information and use suggestions herein are presented in good faith and are believed to be reliable. They do not constitute a part of our terms and conditions of sale unless specifically incorporated in our Order Acknowledgement. Nothing herein shall be deemed to constitute a warranty, expressed or implied, that said information or data are correct, or that the product described is merchantable or fit for a particular purpose, or that said information, data or product can be used without infringing patents of a third party. The purchaser must determine individually, by preliminary tests or otherwise, the suitability of this product for the intended purpose.

Shepard Bros., Inc.

503 S. Cypress St. La Habra, CA 90631

(800) 645-3594

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: FLEXK95
Product Name: Domolish K-95
Company Name: Shepard Bros. Inc.
 503 S. Cypress St.
 La Habra, CA 90631
Phone Number: +1 (562)697-1366
Web site address: www.shepardbros.com
Emergency Contact: CHEMTREC +1 (800)424-9300

Product Category:

2. HAZARDS IDENTIFICATION

Acute Toxicity: Oral, Category 4
Skin Corrosion/Irritation, Category 1B



GHS Signal Word: **Danger**

GHS Hazard Phrases: H302 - Harmful if swallowed.
H314 - Causes severe skin burns and eye damage.

GHS Precautionary Phrases: P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases: P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER or doctor/physician.
P321 - Specific treatment see ... on this label.
P330 - Rinse mouth.
P363 - Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases: P405 - Store locked up.
P501 - Dispose of contents and containers in accordance with local, regional, national, and international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivs.	< 7.0 %



SAFETY DATA SHEET

Domolish K-95

4. FIRST AID MEASURES

Emergency and First Aid Procedures: No data available.

5. FIRE FIGHTING MEASURES

Flash Pt: NA Method Used: Not Applicable
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: NA
Suitable Extinguishing Media: No data available.
Fire Fighting Instructions: No data available.
Flammable Properties and Hazards: No data available.
Hazardous Combustion Products: No data available.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: No data available.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: No data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivs.	No data.	No data.	No data.

Respiratory Equipment (Specify Type): No data available.
Eye Protection: No data available.
Protective Gloves: No data available.
Other Protective Clothing: No data available.
Engineering Controls (Ventilation etc.): No data available.



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States: [] Gas [X] Liquid [] Solid
Appearance and Odor: No data available.
pH: 13 - 14 - (neat)
Melting Point: NA
Boiling Point: > 212.00 F
Flash Pt: NA Method Used: Not Applicable
Evaporation Rate: NA
Flammability (solid, gas): No data available.
Explosive Limits: LEL: No data. UEL: No data.
Vapor Pressure (vs. Air or mm Hg): NA
Vapor Density (vs. Air = 1): NA
Specific Gravity (Water = 1): 1.11
Density: NA
Bulk density: NA
Solubility in Water: Complete
Saturated Vapor Concentration: NA
Octanol/Water Partition Coefficient: No data.
Percent Volatile: NA
VOC / Volume: NA
HAP / Volume: NA
Autoignition Pt: NA
Decomposition Temperature: NA
Viscosity: NA
Particle Size: NA
Heat Value: NA
Corrosion Rate: NA

10. STABILITY AND REACTIVITY

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: No data available.
Incompatibility - Materials To Avoid: No data available.
Hazardous Decomposition or Byproducts: No data available.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: No data available.

11. TOXICOLOGICAL INFORMATION

Toxicological Information: No data available.
Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: No data available.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):
DOT Proper Shipping Name: Not regulated as a hazardous material.
DOT Hazard Class:
UN/NA Number:

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivs.	No	No	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

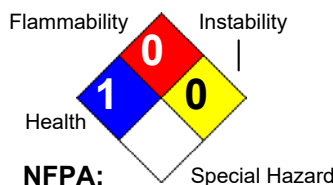
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Explosive	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Acute toxicity (any route of exposure)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Flammable (gases, aerosols, liquid, or solid)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Skin Corrosion or Irritation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Oxidizer (liquid, solid or gas)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Serious eye damage or eye irritation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-reactive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Respiratory or Skin Sensitization
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric (liquid or solid)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Germ cell mutagenicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric gas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Carcinogenicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-heating	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Reproductive toxicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Organic peroxide	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specific target organ toxicity (single or repeated exposure)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Corrosive to metal	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Aspiration Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Gas under pressure (compressed gas)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Simple Asphyxiant
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No In contact with water emits flammable gas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Health) Hazard Not Otherwise Classified (HNOC)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Combustible Dust	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Physical) Hazard Not Otherwise Classified (HNOC)	

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivs.	TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No

16. OTHER INFORMATION

Revision Date: 06/23/2020
Preparer Name: Crystal Maira

Hazard Rating System:



Additional Information About No data available.

This Product:

Company Policy or Disclaimer: Information presented herein is believed to be accurate and reliable to the best of our knowledge. However, we make no warranty or merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. The information relates only to the specific material designated and may not



SAFETY DATA SHEET

Domolish K-95

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Revision: 06/23/2020

Supersedes Revision: 09/13/2015

be valid for such material used in combination with any other material or in any process. Users should make their own investigations to determine the suitability of the information for their particular purposes.

DOMOLISH K-95

(formerly Flex K-95)

LIQUID DEGREASER AND CLEANER

DANGER

Causes severe skin burns and eye damage.



**SAME
TRUSTED
FORMULA**

Precautionary Statements: Do not breathe mist/vapors/spray. Wear protective gloves, protective clothing, eye protection, and face protection. Wash hands thoroughly after handling.

Response Phrases:

IF ON SKIN (or hair): Immediately remove all contaminated clothing. Rinse skin with water. 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 a doctor.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

SPECIFIC TREATMENT: See Section 4 of the SDS to reference supplemental first aid instruction if immediate measures are required.

Storage/Disposal: Dispose of contents and containers in accordance with local, regional, national, and international regulations.

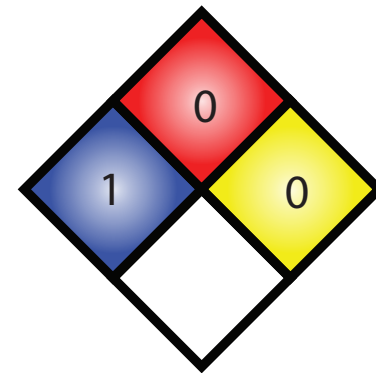
Supplemental Information: This product may be fatal if swallowed. Take proper precautions, especially when using this product in an enclosed or semi-enclosed area.

KEEP OUT OF REACH OF CHILDREN.

CONTAINS: DODECYLBENZENE SULFONIC ACID.

DO NOT USE ON ALUMINUM.

Contact your Shepard Bros., Inc. representative for more specific use instructions and recommended dispensing equipment.



Read safety data sheets for more detailed information.

PROPER SHIPPING NAME: NOT REGULATED



SHEPARD BROS., INC.
503 S. CYPRESS ST.
La Habra, CA 90631 • (562) 697-1366

PRODUCT ID:

BATCH NO.:

NET CONTENTS:

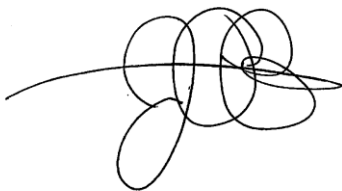
January 1, 2020

Based on current U.S. Food and Drug Administration Guidelines, this Letter of Guarantee certifies that the Shepard Bros., Inc. product, **Domolish K-95**, is safe and suitable as a general cleaning agent on all surfaces or for use with steam or mechanical cleaning devices in all departments of establishments processing food for human or animal consumption.

When used according to the product label directions and in accordance with Good Manufacturing Practice this product will have no deleterious effects on the foods being processed.

This product must be used, handled and stored in a manner that will not adulterate food products. Before using this compound, food products and packaging materials must be removed from the room or carefully protected. After using this compound, surfaces must be thoroughly rinsed with potable water. This product must always be used according to applicable label directions.

Sincerely,



Jose Arias
Director of Compliance & Regulatory Affairs
Shepard Bros., Inc.



Shepard Bros., Inc.
503 S. Cypress St.
La Habra, CA 90631

SHEPARD BROS. (562) 697-1366

Domolish K-95
Alkalinity Test Kit
SBRTK1023-Z

1. Rinse vial 3 times with solution to be tested.
2. Fill bottle to **20 mL or 25 mL** mark with sample.
3. Add 3 drops of Phenolphthalein indicator (PH1605), and swirl to mix. The solution should turn pink.
4. Add Alkalinity Titrant High (SA1595) **OR** Low (SA 1555), **DEPENDING ON INSTRUCTIONS BELOW.** dropwise while swirling, until the sample color changes from pink to colorless.
Record number of drops. Hold dropper vertically.
5. Results:

For HIGHER concentrations, use Alkalinity Titrant SA1595 HIGH and 20 mL Sample:

number of drops x 50 to obtain ppm alkalinity as Sodium Hydroxide (by weight)
number of drops x 70 to obtain ppm alkalinity as Potassium Hydroxide (by weight)
number of drops x 62.5 to obtain ppm alkalinity as Calcium Carbonate (by weight)
number of drops x 0.334 to obtain % product (by volume)
number of drops x 0.500 to obtain fl-oz product/gal
number of drops x 3340 to obtain ppm product in solution (by volume)

Example: 2 fl-oz/gal = 4 drops

4 fl-oz/gal = 8 drops

1% solution by vol = 3 drops

2% solution by vol = 6 drops

3% solution by vol = 9 drops

5% solution by vol = 15 drops

For LOWER concentrations, use Alkalinity Titrant SA1595 LOW and 25 mL Sample:

number of drops x 8 to obtain ppm alkalinity as Sodium Hydroxide (by weight)
number of drops x 11.2 to obtain ppm alkalinity as Potassium Hydroxide (by weight)
number of drops x 10 to obtain ppm alkalinity as Calcium Carbonate (by weight)
number of drops x 0.091 to obtain % product (by volume)
number of drops x 0.072 to obtain fl-oz product/gal
number of drops x 910 to obtain ppm product in solution (by volume)

Example: 1 fl-oz/gal = 11 drops

1 fl-oz/2 gal = 6 drops

1% solution by vol = 14 drops

0.5% solution by vol = 7 drops

NOTE: For accuracy and consistency hold the dropper bottle in a vertical position during the titration.