ChemStation
www.chemstation.com

30400

NON-FOAMING CHLORINATED ALKALINE CIP CLEANER

Danger

H290 May be corrosive to metals.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.

Directions:
FOR INDUSTRIAL USE ONLY: Contact your sales representative for product usage.

Dilutions:
1-10% typical

Prevention:
Keep only in original container.
Do not breathe dust, fume, mist, vapors or spray.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves, eye protection, face protection.

Response:
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Remove, take off immediately all contaminated clothing. Rinse skin with water, shower.
IF INHALED: Call a poison center or doctor or physician if you feel unwell.
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 or physician.
Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Wash contaminated clothing before reuse.
Absorb spillage to prevent material damage.

Storage:
Store locked up.
Store in a corrosive resistant, container with a resistant inner liner.

Disposal:
Dispose of contents or container in accordance with local and national regulations.

Refer to SDS for detailed PPE recommendations. Revised 02/24/2021.

Safety Data Sheet (SDS)
30400

SDS Revision Date: 02/23/2021

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Identity	30400
Alternate Names	30400

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use	Contact ChemStation representative.
Application Method	Contact ChemStation representative.

1.3. Details of the supplier of the safety data sheet

Company Name	ChemStation 2360 W Dorothy Lane Ste 112 Dayton, OH 45439

Emergency	
CHEMTREC (USA)	(800) 424-9300
Customer Service: ChemStation	(937) 534-0410

2. Hazard identification of the product

2.1. Classification of the substance or mixture

Met. Corr. 1;H290	May be corrosive to metals.
Acute Tox. 4;H302	Harmful if swallowed.
Skin Corr. 1A;H314	Causes severe skin burns and eye damage.

2.2. Label elements

Danger

H290 May be corrosive to metals.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.

[Prevention]:
P234 Keep only in original container.
P260 Do not breathe dust, fume, mist, vapors or spray.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves, eye protection, face protection.
[Response]:
P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353 IF ON SKIN (or hair): Remove, take off immediately all contaminated clothing. Rinse skin with water, shower.
P304+312 IF INHALED: Call a poison center or doctor or physician if you feel unwell.
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, doctor or physician.

P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P363 Wash contaminated clothing before reuse.
P390 Absorb spillage to prevent material damage.
[Storage]:
P405 Store locked up.
P406 Store in a corrosive resistant, container with a resistant inner liner.
[Disposal]:
P501 Dispose of contents or container in accordance with local and national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Sodium hydroxide CAS Number: 0001310-73-2	10 - 25	Skin Corr. 1A;H314 Met. Corr. 1;H290	[1][2]
Potassium hydroxide. CAS Number: 0001310-58-3	1.0 - 10	Acute Tox. 4;H302 Skin Corr. 1A;H314: C >=5 % Skin Corr. 1B;H314: 1 % <= C < 5 % Skin Irrit. 2;H315: 0.5 % <= C < 1 % Eye Dam. 1;H318: > 1 % Eye Irrit. 2;H319: 0.5 % <= C < 1 %	[1][2]
Sodium hypochlorite CAS Number: 0007681-52-9	1.0 - 10	Skin Corr. 1B;H314 Aquatic Acute 1;H400 Eye Dam. 1;H318	[1]

[1] Substance classified with a health or environmental hazard.
[2] Substance with a workplace exposure limit.
[3] PBT-substance or vPvB-substance.
*The full texts of the phrases are shown in Section 16.

Section 4. First-aid measures

4.1. Description of first aid measures

General In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Overview No specific symptom data available.
Check section 2.2 (GHS Label Elements) for further details.

Skin Causes severe skin burns and eye damage.

Ingestion Harmful if swallowed.

Section 5. Fire-fighting measures

5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO_2, powder, water spray.
Unsuitable extinguishing media: Do not use; water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.
Keep only in original container.

Do not breathe dust, fume, mist, vapors or spray.

5.3. Advice for fire-fighters

Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water ways.

ERG Guide No. 154

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. (See section 13).

Clean, preferably with a detergent. Do not use solvents.

Do not allow spills to enter drains or watercourses.

If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed.

Section 7. Handling and storage

7.1. Precautions for safe handling

Check section 2.2 (GHS Label Elements) for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: No data available.

Check section 2.2 (GHS Label Elements) for further details. - [Storage]:

7.3. Specific end use(s)

No data available.

Section 8. Exposure controls / personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0001310-58-3	Potassium hydroxide.	OSHA	No Established Limit
		ACGIH	Ceiling: 2 mg/m3
		NIOSH	C 2 mg/m3
		Supplier	No Established Limit
0001310-73-2	Sodium hydroxide	OSHA	TWA 2 mg/m3
		ACGIH	Ceiling: 2 mg/m3
		NIOSH	C 2 mg/m3
		Supplier	No Established Limit
0007681-52-9	Sodium hypochlorite	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0001310-58-3	Potassium hydroxide.	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0001310-73-2	Sodium hydroxide	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0007681-52-9	Sodium hypochlorite	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

8.2. Exposure controls

Respiratory If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes Protective safety glasses recommended.

Skin Keep skin contact to a minimum. Wear PVC or rubber gloves to keep skin contact to a minimum.
Refer to the manufacturer's recommendations regarding the suitability of any gloves used.

Engineering Controls Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Check section 2.2 (GHS Label Elements) for further details. - [Prevention]:

Section 9. Physical and chemical properties

Appearance	Clear, Pale Yellow liquid
Odor	Mild, Chlorine
Odor threshold	Not Measured
pH	-n/a-
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	212 deg F
Flash Point	>200 degrees F PMCC (non-flammable)
Evaporation rate (Ether = 1)	0.33
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	**Lower Explosive Limit:** Not Measured **Upper Explosive Limit:** Not Measured
Vapor pressure (Pa)	Not Determined
Vapor Density	Not Determined
Relative Density	1.289 - 1.299
Solubility in Water	Not Measured
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured
Foaming	Low

9.2. Other information

No other relevant information.

Section 10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

No hazardous decomposition data available.

Section 11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Sodium hydroxide - (1310-73-2)	325.00, Rabbit - Category: 4	No data available	No data available	No data available	No data available
Potassium hydroxide. - (1310-58-3)	388.00, Rat - Category: 4	No data available	No data available	No data available	No data available
Sodium hypochlorite - (7681-52-9)	1,100.00, Rat - Category: 4	, Rabbit - Category: NA	10.50, Rat - Category: 4	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	4	Harmful if swallowed.
Acute toxicity (dermal)	—	Not Applicable
Acute toxicity (inhalation)	—	Not Applicable
Skin corrosion/irritation	1A	Causes severe skin burns and eye damage.
Serious eye damage/irritation	—	Not Applicable
Respiratory sensitization	—	Not Applicable
Skin sensitization	—	Not Applicable
Germ cell mutagenicity	—	Not Applicable
Carcinogenicity	—	Not Applicable
Reproductive toxicity	—	Not Applicable
STOT-single exposure	—	Not Applicable
STOT-repeated exposure	—	Not Applicable
Aspiration hazard	—	Not Applicable

Section 12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Sodium hydroxide - (1310-73-2)	125.00, Gambusia affinia	40.40, Ceriodaphnia sp.	Not Available
Potassium hydroxide. - (1310-58-3)	80.00, Gambusia affinia	Not Available	Not Available

Sodium hypochlorite - (7681-52-9)	0.08, Pimephales promelas	0.032, Daphnia magna	0.40 (72 hr), Dunaliella primolecta

12.2. Persistence and degradability
This product is fully biodegradable.
12.3. Bioaccumulative potential
Not Measured
12.4. Mobility in soil
No data available.
12.5. Results of PBT and vPvB assessment
This product contains no PBT/vPvB chemicals.
12.6. Other adverse effects
No data available.

Section 13. Disposal considerations

13.1. Waste treatment methods
Observe all federal, state and local regulations when disposing of this substance.

Section 14. Transport information

14.1. UN number	NA1760
14.2. UN proper shipping name	Compound, Cleaning, Liquid, (Sodium Hydroxide)
14.3. Transport hazard class(es)	8
14.4. Packing group	III

Section 15. Regulatory information

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act (TSCA)	All components of this material are either listed or exempt from listing on the TSCA Inventory.
WHMIS 1988 Classification	E
US EPA Tier II Hazards	**Fire:**
	Sudden Release of Pressure:
	Reactive:
	Immediate (Acute):
	Delayed (Chronic):

EPCRA 311/312 Chemicals and RQs (lbs):
Potassium hydroxide. (1,000.00)
Sodium hydroxide (1,000.00)
Sodium hypochlorite (100.00)

EPCRA 302 Extremely Hazardous :
(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals:
(No Product Ingredients Listed)

Proposition 65 - Carcinogens (>0.0%):
(No Product Ingredients Listed)

Proposition 65 - Developmental Toxins (>0.0%):
(No Product Ingredients Listed)

Proposition 65 - Female Repro Toxins (>0.0%):
(No Product Ingredients Listed)

Proposition 65 - Male Repro Toxins (>0.0%):
(No Product Ingredients Listed)

N.J. RTK Substances (>1%):
Potassium hydroxide.

Sodium hydroxide

Sodium hypochlorite

Penn RTK Substances (>1%):

Potassium hydroxide.

Sodium hydroxide

Sodium hypochlorite

Section 16. Other information

Issue Date 02/23/2021
Revision History 02/23/2021

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H290 May be corrosive to metals.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

End of Document

TECH DATA

CHEMSTATION

Chlorinated,
Alkaline Concentrate

30400

Conforms to USDA Guidelines - A-2

PRODUCT DESCRIPTION

- ChemStation Product 30400 is a highly concentrated, chlorinated, alkaline cleaner formulated specifically for use in applications having high mechanical energy such as recirculating CIP cleaners and high - pressure spray systems where no foam is needed.
- It can be used to remove a wide range of soils on stainless steel food processing equipment and tankers but is not recommended for use on aluminum or soft metals.
- Product 30400 is a scientifically balanced blend of chelating agents and alkaline builders. It is economical to use at all temperatures.
- When used as directed, Product 30400 conforms to USDA A-2 guidelines for use in soak tanks or with steam or mechanical cleaning devices in all departments of official establishments operating under the Federal meat, poultry, shell egg grading, and egg products inspection programs.

FEATURES — BENEFITS

- High Reserve Alkalinity ..... Effective on oils, greases and organic deposits.
- Low-foaming ..... Effective in recirculating applications.
- Hard Water Tolerant ..... Reduces filming or spotting.

TYPICAL INSPECTIONS

- Appearance ..... Liquid
- Color ..... Clear, Pale Yellow
- Odor ..... Mild chlorine
- Solubility ..... Complete
- pH neat 14.0
- Specific Gravity 1.294
- Foaming ..... Low
- Flash Point ..... >200°F (nonflammable)

DILUTION

- 1-10%
- Consult sales representative for recommendation.

SAFETY

- Keep out of the reach of children. For industrial and commercial use only.
- Safety Data Sheets available with delivery or upon request.
- Read label instructions and SDS carefully.

CHEMSTATION

May 5, 2021

Mr. Eric Wuebker
ChemStation
2360 W. Dorothy Lane, Ste 112
Dayton, OH 45439

Dear Eric,

This letter is in reply to your request for compound authorization received on May 5, 2021 for ChemStation Product 30400.

When used according to label directions, this product is safe and suitable for use in a USDA inspected facility, only in soak tanks or with steam or mechanical cleaning devices in all departments of official establishments operating under the Federal meat, poultry, shell egg grading, and egg products inspection programs.

Before using this compound, food products and packaging materials must be removed from the room or carefully protected. After using this compound, all surfaces must be thoroughly rinsed with potable water.

Sincerely,

Katie Overton

Katie Overton
Project Coordinator
ChemStation International