

Safety Data Sheet
Pickle #4

SECTION 1: Identification

1.1 Product identifier

Product name	Pickle #4
Product number	PIC4
Brand	Caswell

1.2 Other means of identification

Tan Colored Powder

1.3 Recommended use of the chemical and restrictions on use

Metal Cleaner/Activator

1.4 Supplier's details

Name	Caswell Inc
Address	7696 Route 31 Lyons, NY 14489 USA
Telephone	315 946 1213
Fax	315 946 4456
email	sales@caswellplating.com

1.5 Emergency phone number(s)

Office Hours (9-4ET): 315 946 1213
24 Hour: CHEMTEL US# 1-800-255-3924 Intl# +01-813-248-0585

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

- Eye damage/irritation (chapter 3.3), Cat. 1
- Skin corrosion/irritation (chapter 3.2), Cat. 2
- Acute toxicity, dermal (chapter 3.1), Cat. 3

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Safety Data Sheet

Pickle #4

Hazard statement(s)

H318	Causes serious eye damage
H315	Causes skin irritation
H301	Toxic if swallowed

Precautionary statement(s)

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P264	Wash thoroughly after handling.
P302+P352	IF ON SKIN: Wash with plenty of water
P321	Specific treatment (see label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P312	Call a POISON CENTER/doctor/... if you feel unwell.
P361+P364	Take off immediately all contaminated clothing and wash it before reuse.
P405	Store locked up.
P501	Dispose of contents/container per local regulations.

2.3 Other hazards which do not result in classification

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. SODIUM HYDROGENSULPHATE

Concentration 90 - 90 % (Weight)

Other names / synonyms Sodium bisulfate; Sulfuric acid, sodium salt (1:1)
EC no. 231-665-7
CAS no. 7681-38-1
Index no. 016-046-00-X

- Eye damage/irritation (chapter 3.3), Cat. 1

H318 Causes serious eye damage

2. SODIUM FLUORIDE

Concentration 10 - 10 % (Weight)

Other names / synonyms ALCOA SODIUM FLUORIDE; ANTIBULIT; CAVI-TROL; CHEMIFLUOR; CREDO; DISODIUM DIFLUORIDE; DURAPHAT; F1-TABS; FDA 0101; FLORIDINE; FLOROCID; FLOZENGES; FLUOR-O-KOTE; FLUORAL; FLUORIDE, SODIUM; FLUORIDENT; FLUORIGARD; FLUORINEED; FLUORINSE; FLUORITAB; FLUOROCID; FLUOROL; FLUOROS; FLURA; FLURA DROPS; FLURA-GEL; FLURA-LOZ; FLURCARE; FLURSOL; FUNGOL B; GEL II; GELUTION; GLEEM; IRADICAV; KARI-RINSE; KARIDIUM; KARIGEL; LEA-COV; LEMOFLUR; LURIDE; LURIDE LOZI-TABS; LURIDE-SF; NA FRINSE; NAFEEN; NAFPAK; NATRIUM FLUORIDE; NCI-C55221; NUFLUOR; OSSALIN; OSSIN; OSTEOFLUOR;

Safety Data Sheet

Pickle #4

PEDIAFLOR; PEDIDENT; PENNWHITE; PERGANTENE; PHOS-FLUR;
POINT TWO; PREDENT; RAFLUOR; RESCUE SQUAD; ROACH SALT;
SO-FLO; Sodium fluoride (NaF); SODIUM FLUORIDE CYCLIC DIMER;
SODIUM HYDROFLUORIDE; SODIUM MONOFLUORIDE;
SODIUMFLUORIDE; STAY-FLO; STUDAFLUOR; SUPER-DENT;
T-FLUORIDE; THERA-FLUR; THERA-FLUR-N; TRISODIUM
TRIFLUORIDE; UN 1690; VILLIAUMITE; ZYMAFLUOR

EC no. 231-667-8
CAS no. 7681-49-4
Index no. 009-004-00-7

- Acute toxicity (chapter 3.1), Cat. 3
- Eye damage/irritation (chapter 3.3), Cat. 2
- Skin corrosion/irritation (chapter 3.2), Cat. 2

H301 Toxic if swallowed
H315 Causes skin irritation
H319 Causes serious eye irritation

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Avoid contact. Wear protective clothing including eye protection and gloves at all times.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.
If swallowed	Drink large quantities of water or milk. Follow with milk of magnesia, beaten eggs or vegetable oil,. Do not induce vomiting. Contact physician immediately.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

5.2 Specific hazards arising from the chemical

Product readily dissolves in water to form a weak sulfuric acid solution.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Safety Data Sheet

Pickle #4

Avoid breathing dust. Keep product dry and sweep up. Dispose of waste per all local and federal regulations.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Wear protective gear.

7.2 Conditions for safe storage, including any incompatibilities

Avoid strong alkaline materials such as caustic.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. SODIUM FLUORIDE (CAS: 7681-49-4)

TLV@: 2.5 mg/m³ of Flouride (OSHA)

8.3 Individual protection measures, such as personal protective equipment (PPE)

Body protection

Chemical Goggles, Chemical Resistant Gloves.

Respiratory protection

Wear NIOSH approved respirator appropriate for the vapor or mist at point of use.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Tan Powder
Odor	None
Odor threshold	
pH	
Melting point/freezing point	
Initial boiling point and boiling range	
Flash point	
Evaporation rate	
Flammability (solid, gas)	None
Upper/lower flammability limits	
Upper/lower explosive limits	
Vapor pressure	
Vapor density	
Relative density	2.86
Solubility(ies)	Water
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	

SECTION 10: Stability and reactivity

Safety Data Sheet

Pickle #4

10.2 Chemical stability
Stable

10.5 Incompatible materials
Strong alkaline materials

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity
No data available

Skin corrosion/irritation
No data available

Serious eye damage/irritation
No data available

Respiratory or skin sensitization
No data available

Germ cell mutagenicity
No data available

Carcinogenicity
None

Reproductive toxicity
No data available

STOT-single exposure
No data available

STOT-repeated exposure
No data available

SECTION 12: Ecological information

Toxicity
No data available

SECTION 13: Disposal considerations

Disposal of the product
Consult appropriate federal and local regulations for disposal. Empty containers are subject to the same regulations.

SECTION 14: Transport information

DOT (US)
UN Number: UN1759
Class: 8

Safety Data Sheet

Pickle #4

Packing Group: II
Proper Shipping Name: Corrosive Solid, NOS (Sodium Bisulfate)
Reportable quantity (RQ):
Marine pollutant:
Poison inhalation hazard:
Small Amounts May Be Considered Limited Quantities. Consult 49 CFR.

IMDG

UN Number:
Class:
Packing Group:
EMS Number:
Proper Shipping Name:

IATA

UN Number: UN1759
Class: 8
Packing Group: II
Proper Shipping Name: Corrosive Solid, NOS (Sodium Bisulfate)

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Massachusetts Right To Know Components

Chemical name: Sodium fluoride
CAS number: 7681-49-4

New Jersey Right To Know Components

Common name: SODIUM FLUORIDE
CAS number: 7681-49-4

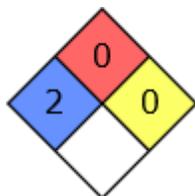
Pennsylvania Right To Know Components

Chemical name: Sodium fluoride
CAS number: 7681-49-4

HMIS Rating

Pickle #4	
HEALTH	* 2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	F

NFPA Rating



SECTION 16: Other information

Safety Data Sheet

Pickle #4

16.1 Further information/disclaimer

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