



MATERIAL SAFETY DATA SHEET (MSDS)

PRODUCT NAME: ANCOBRAND INHIBITOR 575 "LIQUID"

Effective Date: Jan. 22, 2016

1 - Product/Company Information

Product Identifier:	Ancobrand Inhibitor 575
Manufacturer's name:	Anco Chemicals Inc.
Address:	85 Malmo Court,
City:	Maple
Province:	On.
Postal Code:	L6A 1R4
Telephone number	905-832-2276
Product Use:	Inhibitor for Refrigeration brine
24 Hrs Emergency telephone	613-996-6666 (call collect) Or *666 (cellular)

2 -Composition/Information on Ingredients

Potassium hydroxide	Concentration: up to 23 1/2%	CAS #1310-58-3
Hydroxyphosphono- carboxylic acid -	Concentration: up to 26%	CAS#13147-57-4

3 - Hazards Identification

<u>Eye contact</u>	May cause irritation
<u>Skin Contact</u>	Use gloves to protect from blue color
<u>Ingestion</u>	No specific data available
<u>Inhalation</u>	May cause throat irritation
<u>Other health effects</u>	Slightly toxic

4 - First Aid Measure

<u>EYE CONTACT</u>	Promptly flush eyes with plenty of running clean water, continuing for a minimum of 15 minutes. Get medical attention.
<u>SKIN CONTACT</u>	Remove contaminated clothing. Wash worker with plenty of clean running water. Get medical attention if irritation persists.
<u>INHALATION</u>	Remove worker to fresh air. Support breathing. Consult physician.
<u>INGESTION</u>	If conscious, immediately give 2 - 4 glasses





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of water. Induce vomiting by touching finger to back of throat. Get medical attention.

OTHER HEALTH EFFECTS

Product is slightly toxic, handle with care

5 - Fire Explosion Hazard

Flash Point:
Autoignition temperature:
Flammable limits - upper:
(Air) - lower
Extinguishing media:
Special Firefighting Procedures:

N/A
Non-available
N/A
N/A
N/A
Use self-contained breathing apparatus (Solids)
Decomposition and combustion
Products may be toxic (solids)

Degree of fire and explosion hazard:

6 - Accidental Release Measure

SPILL OR LEAK

(Always wear personal protective clothing)

Dilute small spills cautiously with lots of water. Mop into metal drum and cover. (many metals are slowly corroded by these solutions). Cautiously spray residue with plenty of water.

LARGE SPILLS

Dike up with any available absorbent - (commercial sand etc.) Pump into same containers and treat as above.

7 - Handling and Storage

Eyes:
Gloves:
Special clothing and equipment:

Footwear:

Storage:

Use chemical type goggles or face shield.
Use impervious gloves
Wear impervious apron & gauntlets when splashing is expected during liquid transfer. Normal work shoes can be worn except in conditions of spills where rubber overshoes or boots should be worn.
Keep container closed. Protect from physical damage.
Do not store in metals which this solution corrodes i.e., zinc, copper, aluminum

8 - Exposure Control/Personal Protection

Ventilation requirements:

Use with general room ventilation or local exhaust when airborne contamination is expected.

Recommended personal protective equipment - Respiratory:

Use MSHA/NIOSH approved dust/mist respiratory protection when airborne mist expected. Eye wash facility should be provided in general work area.





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9 – Physical and Chemical Properties

Physical state:	Liquid
Color/Appearance:	Blue color, molasses-like odor
Odor threshold:	1000 ppm
Specific gravity:	1.05 - 1.20
Co-efficient of water/oil distribution:	N/D
Vapor pressure:	Same CaCl ₂
Boiling Point:	125' C.
Freeze Point:	-7' C.
pH:	6.5 - 7.5
Vapor Density: (Air=1)	N/D
Evaporation rate (butyl acetate = 1)	less than 0.1
Percent volatile (by volume):	45

10-Stability and Reactivity

Stability:	Stable
Hazardous polymerization:	Will not occur
Conditions to avoid:	Oxidizing agents
Major contaminants that contribute to instability:	Not available
Incompatibility	Strong oxidizing agents
Hazardous decomposition products:	Thermal decomposition & burning may produce carbon monoxide, carbon dioxide, phosphorous oxides.

11 - Toxicological Information

Route of entry:	Skin contact, eye contact, inhalation, Ingestion
Effects of acute exposure to product:	Dermatitis, gastritis
Effects of chronic exposure to product:	Skin necrosis
Irritancy to Product:	Slight
Synergetic Products	Nil
Evidence of Carcinogenicity, reproductive toxicity	
teratogenicity or mutagenicity:	None
Sensitivity to product:	Slight

12 – Ecological Information

Exposure limits:	10 mg/M3
LD50 of active:	2750 MG/kg. Rat

13 – Disposal Consideration

Mop into metal drum and cover.
(many metals are slowly corroded by these solutions) and dispose to a waste disposal company. Cautiously spray residue with plenty of water.





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14 – Transport Information

Product is not regulated by transport.

15 – Regulatory Information

Product is slightly toxic and should have a toxic sign while storing in the warehouse/storage. **WHMIS** classify this as D2B

16 – Other Information

Prepared by the technical department at
905-832-2276 x 233 Sat Anand

WASTE DISPOSAL

Open dumping or burning of this material is PROHIBITED. An acceptable method of disposal is to burn in an incinerator in accordance with all local, state and federal environmental laws, rules, standards and regulations. Because acceptable methods of disposal vary by location, regulatory requirements may change. The appropriate regulatory agencies should be contacted prior to disposal.

ADDITIONAL INFORMATION - CANADIAN REGULATIONS - SOURCES USED

All the ingredients on this MSDS are in DSL/NDL/TSCA list

The Workplace Hazardous Materials Information System (W.H.M.I.S) classification for this product is: D2B

The Transportation of Dangerous Goods Act (TDGA) and CFR 49 classification for this product is: Not Regulated

The information in the MSDS was obtained from current and reputable sources, however, the data is provided without any warranty, express or implied, regarding its correctness or accuracy. It is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expenses resulting from improper use of this product.

