



SAFETY DATA SHEET
Hasaconi
Solvent #5080
SDS #: EFH 19-7/3
Date of Preparation: February 2018

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

1.1 Product Details:

Product Name : Hasaconi Solvent #5080
Trade Name : Solvent #5080

1.2 Company's Identification:

Manufacturer's Name and Address : Singapore Asahi Chemical & Solder
Industries Pte Ltd
47 Pandan Road
Singapore 609288

Telephone : (65) 6262-1616
Facsimile : (65) 6261-6311

1.3 Contact Point:

Designation : Chemist
Emergency Telephone Number: (65) 6262-1616

SECTION 2: HAZARD IDENTIFICATION

GHS classification

Flammable liquid : Category 2
Acute toxicity
 Oral : Category 4
 Dermal : Category 5
 Inhalation : Category 5
Skin corrosion/irritation : Category 3
Serious eye damage/irritation : Category 2B
Specific target organ toxicity (single exposure) : Category 3 (Narcotic effects)
Aspiration hazard : Category 2

GHS label elements



GHS Signal Word: Danger

GHS Hazard Statement: H225 Highly flammable liquid and vapour
H302 Harmful if swallowed
H305 May be harmful if swallowed and enters airways
H313 May be harmful in contact with skin
H333 May be harmful if inhaled
H316 Causes mild skin irritation
H320 Causes eye irritation
H336 May cause drowsiness or dizziness

GHS Precautionary Statement:

Prevention

P210 Keep away from heat, sparks, open flames, hot surfaces.
P233 Keep container tightly closed.
P240 Ground/Bond container and receiving equipment.
P241 Use explosion-proof electrical and ventilating equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust, fume, gas, mist, vapours and spray.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves, eyes and face protections.

Response

P301, P312, P330 IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.
P303, P361, P353 IF ON SKIN (or hair): Remove or take off immediately all contaminated clothing. Rinse skin with water or shower.
P304, P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305, P351, P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313, P332, P337 If eye or skin irritation persists: Get medical advice/attention.
P331 Do NOT induce vomiting.
P370, P378 In case of fire: Use foam, water spray or fog for extinction.

Storage

P403, P233, P235 Store in a well-ventilated place. Keep container tightly closed and cool.
P405 Store locked up.

Disposal
P501

Dispose of contents or container to appropriate waste site in accordance with local and national regulations.

Other Hazards which do not result in Classification : Repeated exposure may cause skin dryness or cracking. Slightly irritating to respiratory system. Vapours are heavier than air. Vapours may travel across the ground and reach remote ignition sources causing a flashback fire danger.

SECTION 3: COMPOSITION/INFORMATION ON MATERIAL

Chemical Name	CAS No.	%	OSHA PEL (ppm)	ACGIH TLV (ppm)	Other Limits Recommended
Isopropyl Alcohol	67-63-0	89-100	400	400	None Specified
Modified Alcohol	Proprietary	0-9			
Additive (Hydro Carbon Base Solvent)	Proprietary	0-2			
Total		100			

SECTION 4: FIRST AID MEASURES

Ingestion : Do not induce vomiting. Keep at rest. See physician.
Eye Contact : Flush eyes with large amounts of water for at least 15 minutes. Get prompt medical attention.
Skin Contact : Flush with large amounts of water. Remove soiled clothing.
Inhalation : Using respiratory protection, immediately remove victim from exposure. Administer CPR if breathing has stopped. Call for prompt medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media : Use water spray to cool fire exposed surfaces and to protect personnel. Shut off "fuel" to fire.
Fire Fighting Instructions : If leak/spill hasn't ignited, use water spray to disperse vapors. Allow fire to burn under controlled conditions or extinguish with alcohol type foam/dry chemical.
Unusual Fire and Explosion Hazards : Flammable liquid, can release vapors that form flammable mixtures at temperatures at or above the flashpoint. Try to cover liquid spills with foam.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Leak/Spill : Eliminate sources of ignition. Prevent additional discharge of material, if possible to do without hazard. For small spills implements cleanup procedures. Vapors/dust can be harmful/fatal. Warn occupants of downwind areas.

SECTION 7: HANDLING AND STORAGE

- Handling : Wash hand thoroughly with soap and water prior to eating, drinking or smoking. Avoid inhalation of vapors and contact with skin and eyes. Observe good industrial practices.
- Storage : Store in a cool environment. Do not expose containers to heat, flame, sparks, static electricity, or other sources of ignition. Explosion hazard. Empty containers should be drained and properly disposed of.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

- Engineering Measures : Maintain general or local exhaust ventilation to meet exposure limit requirements.
- Respiratory Protection : NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.
- Protective Gloves : Chemical resistant gloves.
- Eye Protection : Wear safety glasses with side shields.
- Other Protective Equipments : For open systems where contact is likely, wear long sleeves, chemical resistant gloves and chemical goggles.
- Work Hygienic Practices : Do not eat, drink, or smoke in work area.
- Suppl. Safety & Health Data : WARNING: FLAMMABLE!

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Transparent liquid
- Odor : Alcohol odor
- Solubility in water: : Soluble
- Boiling Point(°C) : 82.2-82.8°C
- Melting Point(°C) : NE
- Vapor Pressure(mm of Hg at 20°C) : 32 mmHg at 20°C
- Vapor Density (air=1) : 2.1
- Percentage Volatiles (by Volume) : NE
- Volatile Organic Compound (VOC) : >90%
- Evaporation Rate (butyl acetate=1) : NE
- Specific Gravity (water=1 at 25°C) : 0.786 @ 20°C
- Flash Point (°C) : 12°C by TCC
- Lower Explosive Limit : 2.65
- Upper Explosive Limit : Unknown
- Auto-ignition Temperature(°C) : 400°C

SECTION 10: PHYSICAL HAZARDS (STABILITY AND REACTIVITY)

- Stability : Stable.
- Condition to avoid : NA
- Incompatibles : Caustics, amines, alkanolamines, aldehydes, strong oxidizing agents, and chlorinated compounds.
- Decomposition products : None specified.
- Hazardous polymerization : Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity data : None.
Carcinogenicity : Not listed.
Reproductive Effect : None.
Effects of overexposure (Chronic Effect):
Inhalation : May cause headache and dizziness, are anesthetic and may have other central nervous system effects.
Ingestion : Small amounts of the liquid aspirated into the respiratory systems during ingestion, or from vomiting may cause bronchiopneumonia or pulmonary edema.
Target Organs : Respiratory system.
Medical Conditions Generally Aggravated by Exposure : None specified.

SECTION 12: ECOLOGICAL INFORMATION

Mobility & Bioaccumulation : Volatile material.
Biodegradability : Non biodegradable.
Aquatic Toxicity : NE

SECTION 13: DISPOSAL INFORMATION

Dispose according to federal, state and local regulations. If in doubt, contact Singapore Asahi.

SECTION 14: TRANSPORT INFORMATION

Hazard Class : 3
UN Number : 1987
PSN : Alcohol n.o.s. (Isopropyl Alcohol)
Special shipping instruction : NA

SECTION 15: REGULATORY INFORMATION

- a. Proposed classification : Harmful.
- b. Risk phrase
- | | |
|-----------|--|
| R20/21/22 | Harmful by inhalation, in contact with skin and if swallowed |
| R36/37/38 | Irritating to the eyes, respiratory system and skin. |
- c. Safety phrase
- | | |
|-----------|--|
| S23 | Do not breathe fume or vapor. |
| S24/25/26 | Avoid contact with skin or eyes. In case of contact with skin, rinse immediately with plenty of water. |
| S36/37/39 | Wear suitable protective clothing, gloves and eye/face protection. |
| S59 | Refer to manufacturer/supplier for information on recovery/recycling. |

SECTION 16: OTHER INFORMATION

THIS INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION IS TO THE BEST OF THE COMPANY'S KNOWLEDGE AND BELIEVED ACCURATE AND RELIABLE AS OF THE DATE INDICATED.

HOWEVER, NO REPRESENTATION, WARRANTY OR GUARANTEE IS MADE AS TO ITS ACCURACY, RELIABILITY OR COMPLETENESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE SUITABILITY AND COMPLETENESS OF SUCH INFORMATION FOR HIS OWN PARTICULAR USE.

*optional

NE = Not Established

NA = Not Applicable

PEL = Permissible Exposure Level