

SAFETY DATA SHEET



Product Name: Hp Yellow

Date: June 1, 2015

Page 1 of 6

SECTION 1: IDENTIFICATION

Product: Hp Yellow
Product number: 869, 877, 882B
Synonyms: Mucus stain
Recommended use: Laboratory chemical

Company

Anatech Ltd	24 hour Transportation Emergency	800.424.9300 CHEMTREC
1020 Harts Lake Road	Product Technical Information	800.262.8324, M-F, 8 AM-5 PM, ET
Battle Creek, MI 49037, USA	Supplier General Contact	800.262.8324, M-F, 8 AM-5 PM, ET

SECTION 2: HAZARD(S) IDENTIFICATION

Classification of substance

Acute toxicity, oral (Category 4)
Skin corrosion/irritation (Category 1A)
Eye damage/irritation (Category 1)
Corrosive to metals (Category 1)

Signal word

Danger

Hazard statement

Harmful if swallowed.
Causes severe skin burns.
Causes serious eye damage.
May be corrosive to metals.

Pictogram



Precautionary statements

Prevention

Wash exposed areas thoroughly after handling.
Do not eat, drink or smoke when using this product.
Do not breathe mist/vapors/spray.
Wear protective gloves/protective clothing/eye protection/face protection.
Keep only in original container.

Response

If swallowed: Rinse mouth. Do NOT induce vomiting.
Immediately call poison center or doctor.
If on skin/hair: Take off immediately all contaminated clothing. Rinse skin with water/shower.
Wash contaminated clothing before reuse.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
Specific treatment: See Section 4 of this SDS.
Absorb spillage to prevent material damage.

Storage

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

SAFETY DATA SHEET



Product Name: Hp Yellow

Date: June 1, 2015

Page 2 of 6

Disposal

Dispose of contents/containers in accordance with governmental regulations.

Hazards not otherwise classified

None as defined under 29 CFR 1900.1200

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical name	CAS#	Concentration (w/w)
Yellow dye	*	<1%
Sodium metabisulfite	7681-57-4	<2%
Hydrochloric acid	7647-01-0	<2%

*As per paragraph (i) of 29 CFR 1910.1200, formulation is considered a trade secret and specific chemical identity and exact percentage (concentration) have been withheld. Specific chemical identity and exact percentage composition will be provided to health professionals in accordance with applicable provisions of paragraph (i).

SECTION 4: FIRST-AID MEASURES

Description of first-aid measures

Inhalation	Remove victim to fresh air if coughing or difficulty in breathing is experienced. Consult a physician if symptoms persist or worsen. Administer oxygen or artificial respiration as needed.
Eye	Flush eyes for at least 15 minutes in an eyewash station. Consult a physician.
Skin	Remove contaminated clothing, including footwear; wash before reuse or discard. For minor exposure, wash affected area with water and mild soap, rinsing thoroughly. In cases of prolonged, repeated or extensive exposure, rinse affected area or entire body for at least 15 minutes. Consult a physician.
Ingestion	Call a poison center immediately.

Important symptoms, acute and delayed

Inhalation may cause coughing and difficulty in breathing.
Causes severe skin irritations.
Causes serious eye damage.
Ingestion is likely to cause adverse effects on gastrointestinal tract.
Persons with allergies and/or asthma may exhibit hypersensitivity to sulfites.

Recommendations for immediate medical care and special treatment

See listed first-aid procedures. No information available for special treatment. Treat according to symptoms.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable and unsuitable extinguishing media

Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

Specific hazards arising from the product

Hazardous products of combustion: oxides of carbon, nitrogen and sulfur; hydrogen chloride gas.

Special protective equipment/precautions for fire-fighters

Firefighters may wear self-contained breathing apparatus if necessary.

SAFETY DATA SHEET



Product Name: Hp Yellow
Date: June 1, 2015
Page 3 of 6

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions

Ensure adequate ventilation.
Avoid inhalation of vapors.
Avoid contact with skin and eyes.

Protective equipment

Wear protective gloves, impermeable aprons and splash-proof goggles.

Emergency procedures

See information in sub-section above.

Methods and materials for containment and cleanup

Contain and soak up spill with inert absorbent material.
Discard absorbents and other contaminated solids in a suitable trash receptacle.
Dispose absorbents and other contaminated solids as a hazardous waste.
Wash contaminated area with soap and water.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes.
Avoid inhalation of vapors.
Wear protective gloves, impermeable aprons and splash-proof goggles.

Conditions for safe storage including incompatibilities

Keep containers tightly closed.
Store at room temperature.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure limits

Chemical name	CAS#	Exposure Limit	Value
Yellow dye	Trade secret	None established	
Sodium metabisulfite (as sulfur dioxide)	7681-57-4	Not established for solutions. (OSHA TWA 8 hrs)	(5 ppm)
Hydrochloric acid	7647-01-0	OSHA Ceiling	5 ppm

Appropriate engineering controls

Good general room ventilation should be provided so that exposure limits are not exceeded.
Provide exhaust ventilation to control vapors.

Personal protective measures

Respiratory protection	When risk assessment shows one is necessary, wear respirator with inorganic acid cartridges.
Eye protection	Use splash-proof goggles. Wear face shield if splashing hazard exists. An eyewash station must be nearby, no more than 10 seconds away.
Skin protection	Wear nitrile or chemical resistant gloves. Do not use latex surgical gloves for protection. Safety shower must be nearby, no more than 10 seconds away.

SAFETY DATA SHEET



Product Name: Hp Yellow

Date: June 1, 2015

Page 4 of 6

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Clear, orange liquid
Odor	Pungent sulfurous odor
Odor threshold	No data available
pH	1.1-1.7
Melting point/freezing point	No information available
Initial boiling point and boiling range	No information available
Flash point	No information available
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Upper/lower flammability or explosive limits	No information available
Vapor pressure	No information available
Vapor density	No information available
Relative density	1.007 at 23°C
Solubility(ies)	Complete in water
Partition coefficient: n-octanol/water	No information available
Auto-ignition temperature	No information available
Decomposition	No information available
Viscosity	No information available

SECTION 10: STABILITY AND REACTIVITY

Reactivity

No hazardous reactions if stored and handled as indicated.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reaction

The product is chemically stable.

Conditions to avoid

Heating this product will give off high concentrations of irritating, potentially life-threatening, vapors.

Incompatible materials

Strong oxidants.

Hazardous decomposition products

No hazardous decomposition products if stored and handled as indicated.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure

Skin, eye, inhalation.

Symptoms related to physical, chemical and toxicological characteristics

Inhalation may cause coughing and difficulty in breathing.

Causes severe skin irritation.

Causes serious eye damage.

Ingestion is likely to cause adverse effects on gastrointestinal tract.

Persons with allergies and/or asthma may exhibit hypersensitivity to sulfites.

Delayed and immediate effects

See information in sub-section above.

SAFETY DATA SHEET



Product Name: Hp Yellow

Date: June 1, 2015

Page 5 of 6

Chronic effects from short and long-term exposure

No information available.

Numerical measures of toxicity

No information available.

Assessment of other acute effects

No information available.

Carcinogenicity

None as defined by 29 CFR 1900.1200.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

No information available.

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Mobility in soil

No information available.

Other adverse effects

No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Contact a licensed professional waste disposal service to dispose of this material. Proper waste disposal is the generator's responsibility. Follow federal, state (provincial) and local regulations.

SECTION 14: TRANSPORT INFORMATION

DOT (USA) and IATA

Proper Shipping Name: Corrosive liquid, n.o.s. (sulfite solution)

Identification Number: UN1760

Hazard Class: 8

Packing Group: II

Marine pollutant

No information available.

SECTION 15: REGULATORY INFORMATION

OSHA Hazard Communication Standard

This product is considered hazardous in accordance with 29 CFR 1910.1200.

SAFETY DATA SHEET



Product Name: Hp Yellow

Date: June 1, 2015

Page 6 of 6

SECTION 16: OTHER INFORMATION

NFPA (National Fire Protection Association) Rating

General note: The ratings provide information to emergency personnel on the fire hazards associated with the chemical. It is not descriptive of hazards under normal conditions of occupational use.

Health	3	Materials that, under emergency conditions, can cause serious or permanent injury.
Flammability	0	Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.
Instability	0	Materials that in themselves are normally stable, even under fire conditions.

Disclaimer

Anatech Ltd. believes the information in the SDS was obtained from reliable sources. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn may be from sources other than direct test data on the substance itself. It is the user's responsibility to determine suitability of the product for his/her own use, and to assure proper use and disposal to protect the safety and health of employees and the protection of the environment.

Date of preparation

June 1, 2015