

MATERIAL SAFETY DATA SHEET

FLOCCULANT 2402YA



Date Approved: 20/12/2017

Revision No.: 02

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: FLOCCULANT 2402YA
SYNONYM: NA
GENERAL USE: Use for flotation Sludge paint

MANUFACTURER

ATP CHEMICAL COMPANY LIMITED

Address: Lot 2, Binh Xuyen Industrial Park, Huong Canh, Binh Xuyen, Vinh Phuc

Head office: Floor 2, Lanmak tower, Doan Ngoai Giao, Ha Noi

Tel: 04.3253.5243-Fax: 04.3253.5243

Web: <http://atpcorporation.com.vn> / Mail: sale@atpcorporation.com.vn

2. HAZARDS IDENTIFICATION

INHALATION: May be harmful if inhaled
INGESTION: May be harmful if swallowed
SKIN CONTACT: Irritation to skin, redness, itching and pain
EYE CONTACT: Causes eye irritation

POTENTIAL HEALTH EFFECTS:

Harmful to eyes, nose, throat and stomach. May cause irreversible tissue damage to the eyes including blindness. May cause skin irritation.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Wt. %	EC No.
High molecular flocculant	NA	40 - 50	NA
Water	7732-18-5	30 - 25	NA
Iso parafin	64742-48-9	30 - 25	NA
Other additive			

4. FIRST AID MEASURES

EYES: Remove contact lens and pour a gentle stream of warm water through the affected eye for at least 15 minutes. If irritation persists, contact emergency room, or physician as further treatment may be necessary.

SKIN: Remove contaminated clothing & Cleaning by water over the affected area for 15 minutes. A mild soap may be used if available. If any symptoms persist, contact emergency room, or physician as further treatment may be necessary.

INGESTION: Gently wipe or rinse the inside of the mouth with water. Sips of water may be given. Never give anything by mouth to an unconscious person. Contact a emergency room or physician right away as further treatment may be necessary. Obtain medical advice immediately

INHALATION: Remove victim to fresh air. Contact a emergency room or physician right away as further treatment may be necessary. Obtain medical advice immediately

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use extinguishers appropriate for surrounding fire.

FLASH POINT : >121 Degrees C

FIRE FIGHTING PROCEDURES: Avoid creating dust. Keep away from sources of ignition.

FLAMMABLE LIMITS:

Lower explosion limit (LEL): Not available

Upper explosion limit (UEL): Not available

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode or burst (due to the build-up of steam pressure) when exposed to extreme heat

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus and full protective clothing

6. ACCIDENTAL RELEASE MEASURES

RELEASE NOTES: Spilled product which becomes wet may lead to accidents caused by slippery surfaces. Product spill should be cleaning by absorbant as sand or ethanol / expand in water. Control personal contact by using protective equipment

7. HANDLING AND STORAGE

HANDLING: Use suitable tools for handling and transport. Keep in ventilated area. Protect against physical damage.

STORAGE: Do not store near open fire. Store in cool dry and ventilated

COMMENTS: VENTILATION: Provide mechanical general and/or local exhaust ventilation to prevent release of vapor or mist into the work environment.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT FOR:

EYE PROTECTION: Wear safety glasses with side shields

SKIN PROTECTION: Wear protective clothing. Gloves should be constructed of: impermeable material. No specific permeation/degradation testing have been done on protective clothing for this product. Recommendations for skin protection are based on infrequent contact with this product. For frequent contact or total immersion, contact a manufacturer of protective clothing for appropriate chemical impervious equipment.

RESPIRATORY PROTECTION: Where ventilation is inadequate, use a NIOSH- approved air purifying respirator with the appropriate chemical cartridges or positive pressure, air-supplied respirator. Read the respirator manufacturer's instructions and literature carefully to determine the type of airborne contaminants against which the respirator is effective, its limitations, and how it is to be properly fitted and used.

OTHER EQUIPMENT: The decision whether to clean or discard contaminated clothing should be based on the chemicals contaminating them. Some chemicals can cause skin irritation, sensitization or other health effects if the cleaning process does not remove all traces of them. Consult a safety professional to determine whether clothing contaminated with this product can be safely cleaned and reused.

VENTILATION REQUIREMENTS: Provide general dilution or local exhaust ventilation in volume and pattern to keep the concentration of ingredients in Section 2 below the lowest suggested exposure limit, and LEL below stated limit, as appropriate

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR:	Liquid with odor characteristic of the chemical family and any solvents listed in Section 3
APPEARANCE:	light yellow & white opaque
AUTOIGNITION TEMPERATURE:	NA
BOILING POINT:	NA
DENSITY / WEIGHT PER VOLUME:	~ 1kg/l
FLASH POINT:	NA
pH	3 - 8
SOLUBILITY IN WATER:	100%
SPECIFIC GRAVITY:	NA
VAPOR DENSITY:	NA
VAPOR PRESSURE:	NA

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: This product is stable.

STABILITY: Stable at ambient temperatures

INCOMPATIBLE MATERIALS:

For better shelf life, do not store above 26 degrees C or lower 20 degrees C

HAZARDOUS DECOMPOSITION PRODUCTS: • Not required

11. TOXICOLOGICAL INFORMATION

Hazardous Materials Identification System (HMIS) and National Fire Protection Association (NFPA)

Ratings:

HMIS Rating

NFPA Rating

HEALTH 1

HEALTH 1

FLAMMABILITY 1

FLAMMABILITY 1

REACTIVITY 0

INSTABILITY

0 Rating System: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe, *=Chronic Effects.

12. ECOLOGICAL INFORMATION

No Harmful to aquatic environment at low concentrations, it contains no heavy metals

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: For disposal of non-recoverable spillages or waste, local regulations should be followed and waste should be disposed only through licensed waste material handling companies or incinerating plants.

14. TRANSPORT INFORMATION

No restrictions, classified as non dangerous cargo. Keep away from foodstuff and liquid.

DENGEROUS SUBSTANCES DIRECTIVE: Not classified as dangerous

DENGEROUS PREPARATION DIRECTIVE: Not classified as dangerous

LABELLING: "Safety data sheet available for professional user on request"

16. OTHER INFORMATION

This material safety data sheet and the information it contains is offer to you in a good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believed that the information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in the data sheet may not be adequate for all individuals and/ or situation. It is the user's obligation to evaluate and use this product safety and to comply with all applicable laws and regulation. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner the might infringe existing patents. No warranty is either made express or implied.
