

# MATERIAL SAFETY DATA SHEET



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 PRODUCT RELATED HEALTH DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME: Scrubs**

Binks Part No. 29-3100-K6 & 29-3101-K100

MSDS #: MSDS-9

REVISION #: 2.4

DATE REVISED: 08/02/2008 DATE PREPARED: 2/31/2002

**ITW Industrial Finishing - Binks**

**195 Internationale Blvd.**

**Glendale Heights, IL 60139**

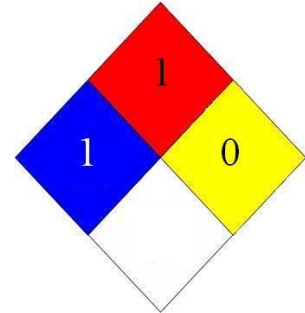
**Emergency Number - INFOTRAC**

EMERGENCY PHONE (24 HOURS):

**1-800-535-5053**

**630-237-5000**

GENERAL USE: Cleaning Towel with Liquid Impregnated



## 2. COMPOSITION/INFORMATION ON INGREDIENTS

**INGREDIENTS**

CAS REG NO.	WGT . %	ACGIH TLV	ACGIH STEL	OSHA PEL	OSHA STEL	UNITS
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**HAZARDOUS INGREDIENTS**

NONE

This product is not a carcinogen or a potential carcinogen as defined by OSHA, The NTP, or The IARC Monographs.

## 3. HAZARDS IDENTIFICATION

**POTENTIAL HEALTH EFFECTS**

**PRIMARY EXPOSURE ROUTES: Dermal - Ingestion - Eyes.**

**ACUTE EFFECTS**

**Eye:** Caution. Towel may cause eye irritation, redness, tearing or burning in eyes.

**Skin:** Pre-existing skin conditions such as dermatitis may be adversely affected by this and other oil and grease effective cleaners. Material is designed for skin cleaning.

**Ingestion:** Irritation of the throat or stomach, nausea, vomiting, and diarrhea is swallowed.

**Inhalation:** None expected, however certain individuals may be sensitized and experience minor nausea or headaches.

**CHRONIC EFFECTS**

**Eye:** No long-term adverse effects are known.

**Skin:** None established.

**Ingestion:** None established.

**Inhalation:** None established.

**CARCINOGENICITY:** Not listed as a carcinogen by the NTP, IARC, or OSHA.

**TARGET ORGAN EFFECTS:** None known.

**MEDICAL CONDITIONS AGGRAVATED by LONG-TERM EXPOSURE:** Pre-existing skin conditions such as dermatitis may be adversely affected by this and other oil and grease effective cleaners. Material is designed for skin cleaning.

## 4. FIRST AID MEASURES

**EYE CONTACT:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. See a physician immediately.

**SKIN CONTACT:** None usually required. Material is designed for skin cleansing.

**INGESTION:** Not a likely exposure route. If a large quantity of liquid is swallowed, do not induce vomiting, call a physician or poison control center immediately.

**INHALATION:** Unlikely route as liquid is impregnated on a towel, minimizing exposure via this route.

## 5. FIRE FIGHTING MEASURES

**FLASH POINT (method):** None to boiling (TCC) Solution on Towel

**FLAMMABLE LIMITS:** No Data

**LOWER EXPLOSION LIMIT:** No Data

**UPPER EXPLOSION LIMIT:** No Data

**FLAMMABILITY CLASS:** Combustible when heated.

**EXTINGUISHING MEDIA:** Carbon dioxide, Dry chemical, Foam, fog or water spray.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Monoxide, Carbon Dioxide, hydrogen sulfide, sulfur dioxide, Smoke and soot.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None Known.

**FIRE-FIGHTING INSTRUCTIONS/EQUIPMENT:** Firefighters must wear full facepiece self-contained breathing apparatus in positive pressure mode. Keep containers cool and vapors down with water spray. Prevent runoff from entering sewers and public waterways.

**NFPA RATING:** See Section 15.

## 6. ACCIDENTAL RELEASE MEASURES

Caution, slip hazard. Wipe up small releases with a dry absorbent cloth. For large releases, prevent material from entering sewers or drains. Ventilate area and block traffic. Pick up and put in suitable container for proper disposal. Dispose of in accordance with State, Local and Federal Regulations.

## 7. HANDLING AND STORAGE

**HANDLING PRECAUTIONS:** Do not allow towel contact with eyes. For external use only. Not for use around the mouth or eyes for an extended period of time. Do not smoke while using. Do not contaminate water, food or feed by use or storage. Keep container closed when not in use. Protect containers from abuse. Discard empty container or offer for recycling or reuse.

**STORAGE REQUIREMENTS:** Protect containers from extreme temperatures. Store containers in a covered area. Check all containers for leaks. Keep out of reach of children. Follow label directions carefully.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**EYE and FACE PROTECTION:** Safety Glasses with Side Shields as good industrial practice.

**SKIN and HAND PROTECTION:** None.

**RESPIRATORY PROTECTION:** None required with adequate room ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded.

**OTHER PERSONAL PROTECTIVE EQUIPMENT:** Not usually necessary.

**ENGINEERING CONTROLS:** Normal room ventilation. Local exhaust in confined areas.

**ADMINISTRATIVE CONTROLS:** Keep this and other chemicals out of reach of children: minimize body contact with this product as well as all chemicals in general.

**OTHER INFORMATION:** Do Not inhale or swallow this product. Do Not smoke or eat

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in the work area. Use to wash hands before eating, drinking, smoking, using restroom, etc. Keep away from children.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Towel with impregnated liquid.

**PHYSICAL STATE:** Opaque white liquid saturated onto towels.

**ODOR:** Fresh citrus scent.

**ODOR THRESHOLD (PPM):** Not Determined

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 0.982

**SOLUBILITY IN WATER (20° C):** Dispersible

**SOLUBILITY IN FAT:** Not Determined.

**COEFFICIENT of WATER/OIL SOLUBILITY:** Not Determined.

**PARTITION COEFFICIENT (n-octanol/water):** Not Determined.

**pH:** 7.4 +/- 0.5

**MELTING POINT:** No Data.

**BOILING POINT:** >200° F.

**EVAPORATION RATE:** No Data.

**V.O.C.:** No Data.

**Vapor Density (Air=1):** Greater than one (1).

**FLASH POINT: / AUTOIGNITION TEMPERATURE: / FLAMMABILITY CLASSIFICATION: /**

**UNUSUAL FIRE or EXPLOSION HAZARDS:** See Section 5

**OXIDIZING PROPERTIES:** None Known.

## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable.

**HAZARDOUS POLYMERIZATION:** Will Not Occur.

**CONDITIONS TO AVOID:** Strong oxidizers, strong acids. Extreme temperatures.

**CHEMICALS TO AVOID:** Strong oxidizing agents. Strong acids.

**HAZARDOUS DECOMPOSITION PRODUCTS (non-thermal):** None known.

## 11. TOXICOLOGICAL INFORMATION

**SENSITIZATION TO PRODUCT:** Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

**IRRITANCY OF PRODUCT:** Not Known.

**REPRODUCTIVE TOXICITY:** Not known.

**TERATOGENICITY:** Not known.

**MUTAGENICITY:** Not known.

## 12. ECOLOGICAL INFORMATION

**MOBILITY:** Not Determined.

**DEGRADABILITY:** Not Determined.

**ACCUMULATION:** Not Determined.

**ECOTOXICITY:** Not Determined.

**OTHER ADVERSE EFFECTS:** Not Determined.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Disposal should be made in accordance with federal, state and local regulations. Products classified as non-hazardous may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations.

## 14. TRANSPORT INFORMATION

**U.S. D.O.T. PROPER SHIPPING NAME:** Not Regulated.

**HAZARD CLASS or DIVISION:** NONE

**I.D. NUMBER:** None

## 15. REGULATORY INFORMATION

**OSHA HAZARD STATUS:** Combustible when heated.

**EPA SARA Sec. 311/ 312 HAZARD CATEGORIES:** None.

**TOXIC SUBSTANCES CONTROL ACT (TSCA):** All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

**SARA Title III, Section 313, CHEMICALS:** Not on List

**CALIFORNIA Proposition 65 Safe Drinking Water and Toxic Enforcement Act Substances List:** Not on List.

**NEW JERSEY RIGHT-TO-KNOW HAZARDOUS SUBSTANCES LIST:** Not on List.

**MASSACHUSETTS RIGHT-TO-KNOW SUBSTANCE LIST:** Not on List.

**PENNSYLVANIA HAZARDOUS SUBSTANCES LIST:** Not on List.

**HMIS RATING:** HEALTH 1, FLAMMABILITY 1, REACTIVITY 0

**NFPA RATING:** HEALTH 1, FLAMMABILITY 1, REACTIVITY 0

## 16. OTHER INFORMATION

**MSDS PREPARED BY:** Director of Chemical Safety

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\*\*\* END OF MSDS \*\*\*