

(52237-04)J

60987-7001

KEYSTONE PACIFIC DIVISION
13757 MILROY PLACE
SANTA FE SPRINGS, CA 90670
CORPORATE OFFICE PHONE: 312 666-2015
HEALTH AND SAFETY FAX: 312 666-8530

TRADE NAME OIL GREEN Q 261
PRODUCT CODE 406-6C3-50 (025925)
PREPARED FOR YALEY ENTERPRISE
EMERGENCY PHONE: CHEMTEL 800 255-3924
HEALTH AND SAFETY TEL: 312 666-2015

Rev'd 03-09-00

Material Safety Data Sheet

NOTE: DO NOT DETACH THIS GUIDANCE COVER SHEET FROM THE REST OF THIS DOCUMENT.

MULTI-REGULATION COMPLIANCE DOCUMENT

THIS DOCUMENT IS YOUR CERTIFICATION OF COMPLIANCE AS STATED IN APPLICABLE SECTIONS. IT IS COMPILED IN ACCORDANCE WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200), AND OTHER FEDERAL AND STATE REGULATIONS, NO ADDITIONAL CERTIFICATION OF COMPLIANCE IS REQUIRED WHEN STATED IN THIS DOCUMENT. TO AVOID USE OF OUTDATED INFORMATION, PLEASE DESTROY PREVIOUSLY DATED MSDS'.

FORMAT OF THIS MATERIAL SAFETY DATA SHEET

NEW AND UPDATED MSDS' ARE PRESENTED IN THE ANSI Z400.1 SIXTEEN SECTION FORMAT. ALL AVAILABLE INFORMATION IS INCLUDED IN SYSTEMATIC UPDATES. HOWEVER, UNTIL ALL PRODUCTS ARE UPDATED, ALL MSDS' MAY NOT BE RECEIVED IN THE ANSI FORMAT.

PURPOSE AND AVAILABILITY OF THIS DOCUMENT

UNDER THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD AND SOME STATE RIGHT TO KNOW LAWS, EMPLOYERS USING THIS PRODUCT IN THEIR OPERATION MUST MAKE THIS MSDS AVAILABLE TO ALL EMPLOYEES HANDLING THIS PRODUCT IN ANY MANNER. THE MSDS MUST BE READILY AVAILABLE FOR REVIEW BY ALL PERSONS CONCERNED.

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THIS MSDS IS DESIGNED TO EFFECTIVELY COMMUNICATE HEALTH AND PHYSICAL HAZARDS TO THE MATERIAL HANDLER AND ALL OTHER RESPONSIBLE PERSONS CONCERNED WITH HEALTH AND ENVIRONMENTAL PROTECTION AND REGULATORY COMPLIANCE. DISTRIBUTORS RECEIVING THIS MSDS ARE OBLIGATED TO READILY PROVIDE A COPY TO THEIR CUSTOMERS, AFFILIATES, AND AGENTS.

PRODUCT USER RESPONSIBILITY NOTICE

THIS TYPE OF DOCUMENT CANNOT COVER ALL POSSIBLE UNIQUE SITUATIONS. IT IS THE PRODUCT USER'S RESPONSIBILITY TO PROVIDE A SAFE WORKPLACE, AND TO PASS ON ALL HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION TO ALL EMPLOYEES AND CUSTOMERS THAT MAY HANDLE THIS PRODUCT. UNDER 29 CFR 1910.1200, ALL PRODUCT USERS AND HANDLERS MUST BE INFORMED OF OSHA REQUIREMENTS, AND THE NEED TO BE FAMILIAR WITH THEM.

CUSTOMER INQUIRIES

THIS MSDS INCLUDES ALL TECHNICAL AND REGULATORY INFORMATION AVAILABLE ON THE PREPARATION DATE. FAX TECHNICAL QUESTIONS DIRECTLY TO THE PROPER LABORATORY. CHICAGO LAB FAX: 312 666-8530, OR LOS ANGELES LAB FAX: 310 921-3461. FAX ALL REGULATORY QUESTIONS TO THE CHICAGO OFFICE: 312 666-2015. NOTE: REGULATORY QUESTIONS CANNOT BE ANSWERED UNLESS YOU SUPPLY OUR EIGHT DIGIT PRODUCT CODE AND COMPLETE KEYSTONE TRADE NAME.

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HOWEVER, IF DISSOLVED IN ORGANIC SOLVENT, IT CAN POSSIBLY BE ABSORBED THROUGH THE SKIN.

NTP: GROUP 2 - REASONABLY ANTICIPATED TO BE A CARCINOGEN

IARC: GROUP 2B - POSSIBLY CARCINOGENIC TO HUMANS

OSHA: SEE ABOVE

1 PRECAUTIONS:

TO HELP PROTECT YOURSELF FROM EITHER EXPECTED OR UNFORSEEN IRRITATION OR ALLERGIC REACTIONS, WORKERS SHOULD WEAR ALL PROPERLY SELECTED PROTECTIVE EQUIPMENT AND CLOTHING AS INSTRUCTED IN SECTION 8 OF THIS MSDS. WASH HANDS AND FACE AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING OR USING RESTROOM FACILITIES. AFTER EACH SHIFT, CLEAN ALL PROTECTIVE EQUIPMENT, WASH ALL WORK CLOTHES, AND SHOWER. SEE SECTION 11, TOXICOLOGY INFORMATION.

UNUSUAL HAZARDS: IF MIXED WITH AIR IN SUFFICIENT AMOUNTS & PROPORTIONS, ORGANIC DUSTS CAN FORM FLAMMABLE OR EXPLOSIVE DUST/AIR MIXTURES. AS PRECAUTIONS, KEEP AREAS CLEAN AND AVOID DUST BUILD-UP. HAVE PLENTY OF GOOD VENTILATION. AVOID CREATING VERY DUSTY CONDITIONS. WHEN MIXING, POURING OR PROCESSING BULK AMOUNTS OF POWDERS, GROUND ALL CONTAINERS AND AVOID STATIC CHARGES, SPARKS, SMOKING, OPEN FLAMES, OR OTHER POSSIBLE CAUSES OF FIRE OR EXPLOSION.

SECTION 4 FIRST AID INSTRUCTIONS

EYE CONTACT: IMMEDIATELY RINSE WITH PLENTY OF CLEAN FLOWING WATER FOR AT LEAST 20 MINUTES, HOLDING EYELIDS OPEN TO RINSE COMPLETELY. CALL A DOCTOR, AND GET MEDICAL HELP QUICKLY, AS A PRECAUTION.

SKIN CONTACT: REMOVE AFFECTED CLOTHING. WASH AFFECTED SKIN AREA WITH PLENTY OF SOAP AND WATER. RINSE WITH PLENTY OF WATER. WASH ALL WORK CLOTHES BEFORE WEARING AGAIN. IF ANY REDNESS, SWELLING, ITCHING, OR PAIN OF THE SKIN STARTS, SEE A DOCTOR QUICKLY.

BREATHING PRODUCT DUST: MOVE PERSON TO FRESH AIR. IF PERSON IS HAVING DIFFICULTY BREATHING, GIVE OXYGEN. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. GET EMERGENCY MEDICAL HELP QUICKLY. CALL 911 IF AVAILABLE IN YOUR AREA, OR OTHER MEDICAL EMERGENCY NUMBER.

SWALLOWING OF PRODUCT: IF SWALLOWED, CALL A DOCTOR AND GET EMERGENCY MEDICAL HELP QUICKLY.

SECTION 5 FIRE FIGHTING INSTRUCTIONS

FLASH POINT : NA

TYPES OF EXTINGUISHERS : WATER SPRAY, FOAM, CO2, DRY POWDER

FIREFIGHTING DIRECTIONS: WEAR SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST POSSIBLY TOXIC FUMES. WEAR FULL FIRE-PROTECTIVE CLOTHING.

SECTION 6 ACCIDENTAL SPILL OR RELEASES

WEAR A NIOSH APPROVED DUST RESPIRATOR, WITH ALL PROTECTIVE CLOTHING AND EQUIPMENT AS DIRECTED IN THE PERSONAL PROTECTION SECTION OF THIS MSDS.

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CONTAIN AND CLEAN UP SPILL IMMEDIATELY. SWEEP POWDERS CAREFULLY, USING AN ABSORBENT (SWEEPING COMPOUND) TO KEEP DOWN THE DUST IN THE AREA. SCOOP MATERIAL & ABSORBENT INTO DISPOSAL DRUM, AND SEAL.

RCRA STATUS: SEE REGULATORY INFORMATION, SECTION 15.

ENVIRONMENTAL PROTECTION: PREVENT FROM ENTERING FLOOR DRAINS OR SEWERS. DO NOT RELEASE TO SEWER WITHOUT PROPER GOVERNMENT PERMISSION AT ALL LEVELS.

SEE SECTION 13, DISPOSAL CONSIDERATIONS/ENVIRONMENTAL PROTECTION PROCEDURES FOR ANY ADDITIONAL INFORMATION.

SECTION 7 HANDLING AND STORAGE

PROTECT PRODUCT FROM MOISTURE, STORE IN COOL, DRY PLACE UNDER LOW RELATIVE HUMIDITY, AWAY FROM EXCESSIVE HEAT. STORE IN ORIGINAL OR EQUIVALENT WATER-PROOF CONTAINERS. RESEAL CONTAINERS TIGHTLY AFTER EACH USE. KEEP OUT OF DIRECT SUNLIGHT. KEEP AWAY FROM FOOD AND BEVERAGES.

SHELF LIFE: INDEFINITE WHEN STORED CAREFULLY AS INSTRUCTED ABOVE.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

NOTE: WHEN SELECTING PERSONAL PROTECTIVE EQUIPMENT AND CLOTHING, FOLLOW ALL MANUFACTURER SPECIFICATIONS AND RECOMMENDATIONS THAT APPLY TO YOUR SPECIFIC OPERATIONS AND PROCESSING CONDITIONS. TAKE INTO CONSIDERATION ALL CONDITIONS AND ALL CHEMICALS TO BE HANDLED OR PROCESSED

EYE PROTECTION: WEAR SPLASH-PROOF CHEMICAL SAFETY GOGGLES. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH CHEMICALS.

SKIN PROTECTION: WEAR CHEMICALLY RESISTANT RUBBER GLOVES, SELECTED WITH YOUR SPECIFIC PROCESSING CONDITIONS AND CHEMICALS TO BE HANDLED IN MIND. WEAR COVERALLS AND BOOTS TO MINIMIZE SKIN CONTACT. AS PRECAUTIONS, WASH HANDS & FACE WITH MILD SOAP & WATER BEFORE EATING, DRINKING, SMOKING, OR USING RESTROOM. AFTER EACH SHIFT, CLEAN ALL PROTECTIVE EQUIPMENT, WASH WORK CLOTHES, AND SHOWER.

LUNG, THROAT & NASAL PROTECTION: WEAR NIOSH APPROVED DUST RESPIRATOR FOR YOUR PARTICULAR OPERATION AND MATERIALS BEING HANDLED.

OTHER PROTECTION: EYE WASH FOUNTAINS & DRENCH SHOWERS SHOULD BE LOCATED WITHIN 100 FEET OR A 10 SECOND WALK OF THE WORK AREA PER ANSI Z359.1-1990

VENTILATION: LOCAL EXHAUST IS RECOMMENDED.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

DESCRIPTION	: GREEN POWDER; NO ODOR
MELTING POINT	: NE
WATER SOLUBILITY	: INSOLUBLE
	: NE
BULK DENSITY	: NE

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% TOTAL VOC'S : 0
 % NON-VOLATILES : 100
 % WATER : 0

 SECTION 10 STABILITY AND REACTIVITY

STABILITY : STABLE
 CONDITIONS TO AVOID : NK
 HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
 INCOMPATIBLE MATERIALS : NK
 HAZARDOUS DECOMPOSITION PRODUCTS: BURNING MAY PRODUCE OXIDES OF CARBON,
 NITROGEN AND SULFUR.

 SECTION 11 TOXICOLOGY INFORMATION

COMPONENT INFORMATION:

FOR C.I. SOLVENT GREEN 3 (<65%):
 OPAL LD50 (RAT): > 5000 MG/KG
 DERMAL LD50 (RAT): NE
 INHALATION LC50 (RAT): NE

EYE EFFECTS (RABBIT): SEVERE IRRITANT 1
 SKIN EFFECTS (RABBIT): IRRITANT 1
 BREATHING EFFECTS: NE. TAKE PRECAUTIONS. 1

FOR C.I. SOLVENT YELLOW 3 (<45%):
 AN ANIMAL CARCINOGEN. SEE "CANCER INFORMATION" IN SECTION 3 FOR DETAILED
 INFORMATION. ALTHOUGH NO SPECIFIC ANIMAL TOXICITY DATA IS CURRENTLY
 AVAILABLE, THIS MATERIAL CAN CAUSE EYE AND SKIN IRRITATION. CONTACT WITH
 THIS MATERIAL CAN CAUSE ALLERGIC SKIN REACTIONS. THIS MATERIAL CAN ALSO BE
 HARMFUL IF SWALLOWED. 1

SEE SECTION 3 FOR ANY OTHER OBSERVATIONS, EXPECTATIONS OR COMMENTS.

1) AS PRECAUTIONS TO HELP MINIMIZE CONTACT, WEAR ALL PROTECTIVE EQUIPMENT &
 CLOTHING AS INSTRUCTED IN SECTION 3 OF THIS MSDS. READ SECTION 9.

GENERAL PRECAUTIONS: ALWAYS PRACTICE GOOD INDUSTRIAL HYGIENE, HANDLE WITH
 CARE, AVOID PERSONAL CONTACT. DO NOT GET INTO EYES OR ON SKIN, DO NOT
 BREATHE DUST OF PRODUCT, DO NOT SWALLOW. WASH HANDS WITH SOAP AND WATER,
 AND RINSE WELL AFTER HANDLING PRODUCT. SHOWER AFTER EACH SHIFT. WASH
 ALL WORK CLOTHING AND COMPLETELY CLEAN ALL PROTECTIVE EQUIPMENT AFTER
 EACH SHIFT. SEE SECTION 9 AND SECTION 3

MUTAGENICITY: NK

ADDITIONAL INFORMATION: CHECK SECTION 3, HAZARD IDENTIFICATION AND EMERGENCY
 OVERVIEW.

MEDICAL CONDITIONS WORSENER BY EXPOSURE: PERSONS WITH BREATHING AND LUNG
 PROBLEMS CAN BE AFFECTED BY BREATHING IN ANY TYPE OF DUSTY MATERIAL.

PERSONS WITH ASTHMA, ALLERGIES, OR OTHER BREATHING-RELATED PROBLEMS SHOULD
 STAY AWAY FROM, NOT HANDLE, AND NOT BE EXPOSED TO ANY DUSTY PRODUCTS OF

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DUSTY CONDITIONS AS A PRECAUTIONARY MEASURE.

SECTION 12 ECOLOGICAL DATA

BOD 5: NE
 COD: NE
 FISH TOXICITY: NE
 SEED TOXICITY: NE
 CWA TOXIC POLLUTANTS: NK
 BIOLOGICAL ELIMINATION: NE

SECTION 13 DISPOSAL CONSIDERATIONS/ENVIRONMENTAL PROTECTION PROCEDURES

DISPOSAL METHODS:

IT IS RECOMMENDED THAT YOU SELECT AN ALTERNATIVE BELOW ACCORDING TO THE FOLLOWING ORDER OF PREFERENCE, DEPENDING ON ENVIRONMENTAL IMPACT:

- 1) RECYCLE OR REWORK MATERIAL IF AT ALL POSSIBLE
- 2) INCINERATE MATERIAL AT AN APPROVED FACILITY
- 3) TREAT AT AN ACCEPTABLE WASTE TREATMENT FACILITY, OR MUNICIPAL WASTE TREATMENT PLANT AFTER PROPER TESTING & APPROVAL OF WASTE SAMPLES.

IF DISPOSED OF IN IT'S ORIGINAL UNUSED FORM, THIS MATERIAL SHOULD BE TREATED, AND DISPOSED OF AT AN APPROVED SITE OR FACILITY, IN COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE & LOCAL ENVIRONMENTAL REGULATIONS. YOU MUST CONTACT THE PROPER GOVERNMENT AGENCIES FOR ADDITIONAL DIRECTIONS. ALL WASTE MATERIAL & WASTE WATER SHOULD BE DISPOSED OF CORRECTLY, UNDER ALL FEDERAL, STATE, CITY & COUNTY LAWS.

RCRA STATUS: SEE SECTION 15, REGULATORY INFORMATION

DO NOT RELEASE DYE OR DYE SOLUTION INTO ANY WATERWAYS OR SEWER SYSTEMS WITHOUT PROPER GOVERNMENT PERMISSION FROM ALL LEVELS.

CONTAINER REUSE: AN "EMPTY" CONTAINER CAN CONTAIN PRODUCT RESIDUE, AND SHOULD NOT BE REUSED. IF NOT PROFESSIONALLY CLEANED & RECONDITIONED, CRUSHING OR OTHER MEANS IS RECOMMENDED TO PREVENT UNAUTHORIZED REUSE.

SECTION 14 TRANSPORT INFORMATION

DOT STATUS (HIGHWAY AND RAIL): NR

IATA STATUS (AIR): NR

SECTION 15 REGULATORY INFORMATION

AICS (AUSTRALIA): COMPONENTS LISTED
 CAL. PROP. 65: CONTAINS THE FOLLOWING CHEMICALS KNOWN TO CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE TOXICITY: C.I. SOLVENT YELLOW 3 (ORTHO-AMINAZOTGLUENE), CADMIUM, CHROMIUM*, LEAD, MERCURY.

*HEXAVALENT CHROMIUM IS A LISTED CHEMICAL. MINUTE TRACES MAY BE PRESENT IN

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PREVIOUS INFORMATION. PREVIOUSLY DATED SHEETS ARE INVALID & UNAPPLICABLE.