

DATAK CORP -- DATAKOAT SPRAY, 04178 -- 8010-01-015-3992

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Product Identification  
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Product ID:DATAKOAT SPRAY, 04178

MSDS Date:06/16/1991

FSC:8010

NIIN:01-015-3992

MSDS Number: CDXBR

=== Responsible Party ===

Company Name:DATAK CORP

Address:55 FREEPORT BLVD 23

City:SPARKS

State:NV

ZIP:89431

Country:US

Info Phone Num:702-359-7474

Emergency Phone Num:702-359-7474

CAGE:1AA30

=== Contractor Id

entification ===

Company Name:PHILMORE MFG./CARTER-CRAFT/DATAK

Address:3660 PUBLISHERS DR.

Box:6386

City:ROCKFORD

State:IL

ZIP:61125-1386

Country:US

Phone:815-874-2301

CAGE:1AA30

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Composition/Information on Ingredients  
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Ingred Name:PROPANE, 2-METHYL-; (ISOBUTANE). BP:10F,-12C. VP:1536 @  
21C; 72.2 PSI @ 37.7C. MP:-256F,-160C. VAP DENS:2.01. (ING 2)

CAS:75-28-5

RTECS #:TZ4300000

Fraction by Wt: 30%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:ING 1:LEL:1.4%. UEL:8.3%

RTECS #:9999999ZZ  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:TOLUENE (SARA 313) (CERCLA). BP:231F,110.6C. SPEC  
GRAV:0.865. VP:22 @ 20C; 26 @ 25C. MP:-135F,-93C. VAP DENS:3.2.(ING  
4)

CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 15%  
OSHA PEL:200 PPM  
ACGIH TLV:50 PPM, S  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ING 3:FL PT:40F,4.4C. LEL:1%. UEL:7%. LD50:(ORAL,RAT) 5000  
MG/KG.

RTECS #:9999999ZZ  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:METHANE, DICHLORO-; (METHYLENE CHLOR  
IDE) (SARA 313)  
(CERCLA). BP:>104F,>39.8C. SPEC GRAV:1.325. VP:340 @ 20C; (ING 6)

CAS:75-09-2  
RTECS #:PA8050000  
Fraction by Wt: 30%  
OSHA PEL:500 PPM  
ACGIH TLV:50 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ING 4:420 @ 25C. MP:-143F,-97C. VAP DENS:2.9. LEL:12%.  
UEL:19% @ 100C. LD50:(ORAL,RAT) 1600 MG/KG.

RTECS #:9999999ZZ  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:HEXANE; (N-HEXANE) (CERCLA). BP:>154F, >68C. SPEC  
GRAV:0.661. VP:132 @ 20C; 4.96 PSI @ 37.7C. VAP DENS:3. (

ING 8)  
CAS:110-54-3  
RTECS #:MN9275000  
Fraction by Wt: 8%  
OSHA PEL:500 PPM  
ACGIH TLV:50 PPM  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:ING 7:FL PT:-10F,-23C. LEL:1.2%. UEL:7.7%. LD50:(ORAL,RAT)  
28,710 MG/KG.  
RTECS #:9999999ZZ  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:VOLATILE ORGANIC COMPOUNDS:434 G/L.  
RTECS #:9999999VO

Ingred Name:EFTS OF OVEREXP:CHRONIC:DMG TO LIVER, BLOOD EFTS, DMG TO  
KIDNEYS, MAY CAUSE NERV SYS DISTURBS. USE OF ALCOHOL (ING 11)  
RTECS #:9999999ZZ

Ingred Name:ING  
10:CAN INCR NARC EFT & BLOOD EFTS OF TOLUENE. N-HEXANE  
IS SUSPECTED NEUROTOXIN. DICHLOROMETHANE IS (ING 12)  
RTECS #:9999999ZZ

Ingred Name:ING 11:METABOLIZED IN BODY PRDCG CARBON MONOXIDE WHICH  
INCRS & SUSTAINS CARBOXYHEMOGLOBIN LEVELS IN BLOOD, (ING 13)  
RTECS #:9999999ZZ

Ingred Name:ING 12:REDUCING OXYG-CARRYING CAPACITY OF BLOOD.  
NOTE:TOLUENE APPEARS ON NAVY LIST OF OCCUP CHEM REPRO HAZS. (ING  
14)  
RTECS #:9999999ZZ

Ingred Name:ING 13:SEEK CONSULTATION FROM APPROP HLTH PROFESS  
IONALS  
CONCERNING LATEST HAZ LIST INFO & SAFE HNDLG & EXPOS INFO.  
RTECS #:9999999ZZ

Ingred Name:SPILL PROC:WASH SPILL SITE AFTER MATERIAL PICKUP IS  
COMPLETE.  
RTECS #:9999999ZZ

Ingred Name:WASTE DISP METH:FED, STATE & LOC LAWS. CAUT:AEROSOL CAN. DO  
NOT REUSE. EMPTY CAN WILL CNTN HAZ RESIDUE. DO NOT (ING 17)  
RTECS #:9999999ZZ

Ingred Name:ING 16:INCINERATE. FOLLOW PROPER DISPOSAL TECHNIQUES.  
RTECS #:9999999ZZ

Ingred Name:OTHER PREC:SHOULD NOT EXCEED 125F (52C). MAKE SURE CAN IS

PROPERLY CAPPED WHEN STORED. DO NOT PUNCTURE/INCIN CAN.  
RTECS #:9999999ZZ

===== Hazards Identification =====

LD50 LC50 Mixture:SEE INGREDIENTS.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:CHLOROCARBON MATLS HAVE PRDCD SENSIT  
OF MYOCARDIUM TO EPINEPHRINE IN LAB ANIMALS & COULD HAVE SIMILAR  
EFT IN HUMANS. ADRENOMIMETICS (E.G., EPINEPHRINE) MAY BE  
CO

NTRAINED EXCEPT FOR LIFE-SUSTAINING USES IN HUMANS

ACUTELY/CHRONICALLY EXPOS TO CHLOROCARBONS . ACUTE:MAY BE HARMFUL  
BY INHAL, (EFTS OF OVEREXP)

Explanation of Carcinogenicity:METHYLENE CHLORIDE:IARC MONOGRAPHS,  
SUPP, VOL 7, PG 194, 1987:GRP 2B. NTP 7TH ANNUAL RPT ON CARCINS,  
1994:ANTIC (SUPDAT)

Effects of Overexposure:HLTH HAZ:INGEST/SKIN ABSORPTION. VAP/MIST IS  
IRRIT TO EYES, MUC MEMBS & UPPER RESP TRACT. CAUSES SKIN IRRIT.  
SYMPS OF EXPOS MAY INCL BURNING SENSATIO

N, COUGH, WHEEZING,

LARYNGITIS, SHORTNESS OF BREATH , HDCH, DIZZ, NAUS & VOMIT. EXPOS  
CAN CAUSE:LUNG IRRIT, CHEST PAIN & EDEMA WHICH MAY BE FATAL, GI  
DISTURBS. (ING 10)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:INGEST:CALL MD IMMEDIATELY . INHAL:REMOVE TO FRESH AIR.

SUPPORT BREATHING (GIVE O\*2/ARTIFICIAL RESPIRATION) .

EYES:IMMEDIATELY FLUSH W/POTABLE WATER FOR A MINIMUM  
OF 15 MINUTES,

SEEK ASSIS TANCE FROM MD . SKIN:FLUSH W/COPIOUS AMOUNTS OF WATER.

CALL MD . FOR MORE SPECIFIC INFORMATION REGARDING FIRST AID  
TREATMENT CONTACT NEHC .

===== Fire Fighting Measures =====

Flash Point:-10F,-23C

Lower Limits:SEE INGS

Upper Limits:SEE INGS

Extinguishing Media:DO NOT EXTING BURNING AS IF FLOW CANNOT BE CNTND.  
CARBON DIOXIDE, DRY CHEM PWDR, ALCOHOL/POLYMER FOAM. WATER  
MAY(SUPDAT)

Fire Fighting Procedures:WEAR NIOSH

APPRVD PRESS DEMAND SCBA & FULL

PROT EQUIP . USE WATER SPRAY/FOG NOZZ TO KEEP AEROSOL CAN COOL.

MOVE CAN AWAY FROM FIRE IF THERE IS NO (SUPDAT)

Unusual Fire/Explosion Hazard:THERMAL DECOMP PRODS MAY INCL HCL &  
PHOSGENE . DANGER! EXTREMELY FLAMM. VAP MAY TRAVEL CONSIDERABLE  
DIST TO SOURCE OF IGNIT & FLASH BACK. CNTNR (SUPDAT)

===== Accidental Release Measures =====

Spill Release Procedures:EVACUATE AREA & KEEP PERS UPWIND. SHUT OFF ALL  
SOURCES OF

IGNIT. WEAR NIOSH APPRVD SCBA, RUBBER BOOTS & HEAVY

RUBBER GLOVES. COVER W/ACTIVATED CARBON ABSORB, ABSORB ON

SAND/VERMICULITE & PLACE IN CLSD CNTNRS. TRANSPORT OUTDOORS. VENT  
AREA & (ING 15)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:DO NOT BREATHE VAP. AVOID CONT W/EYES,  
SKIN & CLTHG. AVOID PRLNG/RPTD EXPOS. READILY ABSORBED THRU SKIN.  
IRRIT. HARMFUL VAP. TOX. NE

UROLOGICAL HAZ.

Other Precautions:NO SMOKING IN AREA OF USE. DO NOT USE IN GEN VICIN OF  
ARC WELDING, OPEN FLAMES/HOT SURFS. HEAT &/OR UV RADIA MAY CAUSE  
FORM OF HCL &/OR PHOSGENE . KEEP AWAY FROM HEAT, SPKS & OPEN FLAME.  
STORE I N COOL, DRY PLACE. CAN TEMP (ING 18)

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WEAR APPROPRIATE NIOSH APPROVED RESPIRATOR.

Ventilation:USE IN WELL-VENTILATED AREA W/LOCAL EXHAUST. MECHANICAL  
EXHAUST REQUI

RED.

Protective Gloves:COMPATIBLE CHEMICAL-RESISTANT GLOVES.

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .

Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET  
ANSI DESIGN CRITERIA . OTHER PROTECTIVE CLOTHING.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

EXTING MEDIA:BE EFTIVE FOR COOLING, BUT MAY NOT EFT EXTINGUISHMENT.

FIRE FIGHT PROC:RISK. DANGER:FLAMM HIGH PRESS GAS. EXPLO HAZ:EXPLO

MAY OCCUR UNDER FIRE CNDTNS. EMIT

S TOX FUMES UNDER FIRE CNDTNS. M  
AY FORM EXPLO MIXTS W/AIR. EXPLAN OF CARCIN:TO BE CARCIN.  
ANIMAL:LUNG, LIVER, SALIVARY, MAMMARY GLAND (TUMORS).

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:SEE INGS  
Melt/Freeze Pt:M.P/F.P Text:SEE INGS  
Vapor Pres:SEE INGS  
Vapor Density:SEE INGS  
Spec Gravity:SEE INGS  
Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

===== Stability and Reactivity Data =====

Stability Indicator/Ma  
terials to Avoid:YES  
STRONG OXIDIZING AGENTS, CHLORINE, FLUORINE, MAGNESIUM PERCHLORATE,  
ALKALI METALS, ALUMINUM.  
Stability Condition to Avoid:HEAT.  
Hazardous Decomposition Products:TOXIC FUMES OF: CARBON MONOXIDE,  
CARBON DIOXIDE, HYDROGEN CHLORIDE GAS, PHOSGENE GAS.

===== Disposal Considerations =====

Waste Disposal Methods:MATL SHOULD BE IGNITED IN PRESENCE OF SODIUM  
CARBONATE & SLAKED LIME (CALCIUM HYDROXIDE). SUBSTANCE SHOULD BE  
MIXED W/VERMI  
CULITE & THEN W/DRY CAUSTICS, WRAPPED IN PAPER &  
BURNED IN CHEM INCIN EQUIPPE D W/AFTERBURNER & SCRUBBER. OBSERVE  
ALL(ING 16)

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