

表面活性剂大全

〔美〕 Michael and Irene Ash

上海科学技术文献出版社

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译 者 的 话

表面活性剂是一种工业味精,也是精细化工的重要产品。当今表面活性剂的世界年产量已超过百万吨,品种也达万种以上,它广泛地应用于化工、石油、轻工、纺织、油漆、印染、造纸、橡胶、塑料、采矿、电子、机械等工业部门。表面活性剂大全,原书约140万字,搜集了美、英、日、联邦德国等二百多家表面活性剂生产厂的各类资料、产品目录及技术数据编写而成。本书介绍了2000多种产品的化学品名、类别、性质、应用、产品包装及注意事项。在本书摘译中我们对化学品名相同的产品进行了删选和压缩,全书约70万字左右,产品千余种。全书按英文字母次序编排,商品名称和生产厂名均用原文表示,便于读者和用户直接向生产厂联系和索取样品。生产厂的地址按字母次序列于书前的索引栏中。

本表面活性剂大全对从事化工、化学、轻工、电子、采矿、机械等工业部门新产品开发的技术人员及企业管理人员是一本很好的工具书,对科研单位和大专院校的师生也是一本有价值的手册。在摘译过程中难免有错误和不当之处,希望读者给予帮助指正。

序

这本综合性的近代表面活性剂产品大全，在国内外许多重要的表面活性剂生产厂商的合作下，现已编著就绪，旨在迅速和全面地向读者提供在本大全中搜集的表面活性剂商品信息。这些信息由几千本小册子、技术公报、数据、刊物汇编而成，以便对三卷大全中提及的每个商品表面活性剂作出概括的简介。虽然制造厂商提供的信息有时有一定的局限性，但大多数产品的化学组分、性质、形态、应用均有详尽的论述。

表面活性剂的应用几乎遍及每个化学工业部门，包括纺织、油漆、农药、食品、化妆品、医药等。由于表面活性剂具有广泛的用途，我们希望这本大全对于国内外许多从事化工专业人员和销售人员是一本良好的工具书。

我们感谢罗勃脱·苔凯(Roberta Dakan)在使本大全尽可能精确无误方面作出的贡献和不倦的努力。

粘度、比重、表面张力、溶解度等数据在未注出温度时，可假设在标准温度 25℃ 下测得的。本大全的信息据我们所知是可靠的。我们欢迎大家指正和补充，以便在下一版本中充实和修正。

Michael Ash

Irene Ash

缩写词说明

aq.	aqueous	水的
avg.	average	平均
Be	Baume'	波美标度的
BHA	butylated hydroxyanisole	丁基羟基苯甲醚
B.P.	boiling Point	沸点
°C	degrees Centigrade	度(摄氏)
cc	cubic centimeter(s)	立方厘米(数)
CC	Closed cup	闭杯
cm	centimeter(s)	厘米(数)
CMC	sodium carboxyl methyl cellulose	羧甲基纤维素钠
COC	Cleveland open cup	克利弗莱德开杯
conc.	concentration, concentrated	浓度, 浓缩的
CPS	centipoise(s)	厘泊(数)
cs or cst	centistoke(s)	厘沲(数)
DDVP	2, 2-dichlorovinyl dimethyl phosphate	2, 2-二氯乙烯基二甲基 磷酸酯
DEA	diethanolamine	二乙醇胺
disp.	dispersion, dispersible	分散, 可分散
dist.	distilled	蒸馏
EO	ethylene oxide	环氧乙烷
esp.	especially	尤其
ETO	ethylene oxide	环氧乙烷
°F	degrees Fahrenheit	度(华氏)

FDA	Food & Drug-Administration	食品和药物管理局
F.P.	freezing point	凝固点
ft ³	cubic feet	立方英尺
g	gram(s)	克(数)
gal.	gallon(s)	加仑(数)
HLB	hydrophilic lipophilic balance	亲水亲油平衡值
ingred.	ingredient(s)	配料组份(数)
insol.	insoluble	不溶的
IPA	isopropyl alcohol	异丙醇
IPM	isopropyl myristate	十四酸异丙醇酯
kg	kilogram(s)	千克(数)
l	liter(s)	升(数)
lb	pound(s)	磅
max	maximum	最大的
MEA	monoethanolamine	单乙醇胺
MEK	methyl ethyl ketone	甲乙酮
min	minimum	最小的
MIPA	monoisopropanolamine	单异丙醇胺
ml	milliliter(s)	毫升(数)
mm	millimeter(s)	毫米(数)
mN	millinewton	毫牛顿
M.P.	melting point	熔点
mfg.	manufacture, manufacturing	制造, 制造的
m. w.	molecular weight	分子量
NF	National Formulary	国家药典
no.	number	数
OC	open cup	开杯
O/W	oil in water	水包油
PEG	polyethylene glycol	聚乙二醇

pH	Potential of hydrogen	氢离子浓度倒数的对数
PM	Pensky-Martens	匹斯基-马泰斯
PMOC	Pensky-Martens closed cup	匹斯基-马泰斯闭杯
POE	polyoxyethylated	聚乙氧基化
pt.	point	点
PVC	polyvinyl chloride	聚氯乙烯
quat.	quaternary	季, 四级
ref.	refractive	折射
sapon.	saponification	皂化
SBR	styrene-butadiene resin	苯乙烯-丁二烯树脂
sol.	soluble	可溶的
solid	solidification	固化
sol'n	solution	溶液
sp. gr.	specific gravity	比重
SSU	Saybolt Seconds Universal	赛波特通用粘度计秒数
Stod	Stoddard	斯陶大溶剂
STPP	sodium tripolyphosphate	三聚磷酸钠
SUS	Saybolt Universal Seconds	赛波特通用粘度计秒数
T/C	tank car	槽车(小型)
TCC	Taggart closed cup	泰珈脱闭杯
tech.	technical	技术的
TGA	triglycollamic acid	氮川三乙酸
T/L	tank load	槽装载量
TOC	Taggart open cup	泰珈脱开杯法
T/T	Tank truck	槽车(大型货车)
T/W	Tank Wagon	槽车(小型)
USP	United States Pharmacopoeia	美国药典
uv	ultraviolet	紫外线
visc.	viscosity	粘度
W/O	water in oil	油包水

wt.	weight	重量
%	percent	百分数
≈	approximately	大约、近似
<	less than	小于
>	greater than	大于
≤	less than or equal to	小于等于
≥	greater than or equal to	大于等于
≫	much larger than	远大于
≪	much smaller than	远小于
#	number	数

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