

```

data<-read_excel(wofile1,sheet=wosheet1)
d2<-filter(data,data$Endpoint=='LD50')
d3<-d2[!duplicated(d2[c(2,6,8)]),]
n1<-d3 %>%
  group_by(d3$CASRN) %>%
  summarize(n())
colnames(n1)<-c('CAS','n')
n2<-d3 %>%
  group_by(d3$'Qsar Ready ID') %>%
  summarize(n())
colnames(n2)<-c('Inchikey','n')

all1<-left_join(filter(tlist,!is.na(tlist$CAS)),n1,by='CAS')
all2<-left_join(filter(tlist,is.na(tlist$CAS)),n2,by='Inchikey')
all<-rbind(all1,all2)

all<-all[order(all$CID,all$CAS,na.last=FALSE),]

for (i in 1:dim(all)[1]) {
  all$animal[i]<-all$n[i]
  all$a_acute[i]<-all$n[i]
  all$quan[i]<-all$n[i]
  all$qn_acute[i]<-all$n[i]}
all[,5:ncol][is.na(all[,5:ncol])] <- 0

wb <- loadWorkbook(outfile)
writeData(wb, sheet = "Oral", all[1:ncol], colNames = F,startRow=3)
saveWorkbook(wb,outfile,overwrite = T)

```